

# REPORT ON INVOLVEMENT OF RESEARCH & ACADEMIA IN DATA FEST 2024



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## PREFACE



Pakistan Bureau of Statistics (PBS), being the NSO of Pakistan, gathers data on social, demographic, and economic indicators through Surveys and Census. This data offers valuable insights into the country's prevailing trends. Additionally, PBS publishes secondary data on Social Indicators to enrich its statistical database. The amassed data serves as a vital resource for policymakers, researchers, and academia, facilitating research endeavors, trend analysis, and policy development. The collaboration between PBS and academia stands as a pivotal element for fostering data-informed decision-making and promoting research excellence in Pakistan.

The Data Festival, an event showcasing cutting-edge data-driven solutions, aimed to bridge the gap between research, academia, and industry. In pursuit of this objective, Pakistan Bureau of Statistics (PBS) team embarked on a comprehensive outreach campaign targeting universities and research institutions. This document chronicles the strategic initiatives and outcomes of these engagement endeavors.

During the period spanning from August 2024 to October 20, 2024, PBS team devised and executed a multifaceted strategy to cultivate collaboration and involvement from the academic sphere. Key endeavors encompassed the development of tailored content, conceptual notes, and thematic areas aligned with academic interests, the creation of an informative pamphlet delineating the festival's goals and participation advantages, the issuance of formal invitations to universities via personalized correspondences and participation forms, the organization of follow-up meetings and seminars at universities to ignite interest and facilitate involvement, and the mobilization of students as volunteers, harnessing their skills and enthusiasm to propel the success of the festival.

These concerted endeavors bore fruit, as evidenced by an unprecedented turnout from universities. This report offers a thorough examination of our strategies, outcomes, and insights gained, thereby serving as a valuable repository for future event planning and academic outreach initiatives.

**Dr. Naeem-uz-Zafar (ستارہ امتیاز)**

**Chief Statistician**

## ACKNOWLEDGEMENT



My heartfelt thanks to the **Data Fest Secretariat**, whose meticulous planning and seamless coordination ensured the smooth execution of this event. Their commitment to foster a culture of collaboration and innovation was truly inspiring. The success of the Data Festival's Academic outreach initiative would not have been possible without the tireless efforts and unwavering dedication of our incredible team. I would like to express my sincere appreciation to **Ms. Ayesha**

**Sajid** for her exceptional leadership, guidance, and support, which were pivotal in shaping and executing this initiative with excellence.

I am profoundly grateful to the **Strategic Planning Team** for their comprehensive and visionary plan to engage academia and research communities, and to the **Outreach and Engagement Team** for their relentless efforts in building strong partnerships with universities and research institutions. The **Content Development Team** deserves special recognition for crafting engaging and impactful content that resonated with academic interests, while the **Transport Management Team** played a vital role in facilitating seamless transport arrangements for our volunteers and Ambassadors.

A special note of gratitude is extended to the **Higher Education Commission (HEC)** for their invaluable support in engaging universities, as well as to the participating universities and research institutions for their enthusiastic involvement and contributions. The collective expertise, enthusiasm, and dedication of all stakeholders and academic collaborators significantly elevated the impact of the Data Festival, fostering a vibrant and dynamic community of data-driven innovators.

Lastly, I wish to thank **NUST, Quaid-i-Azam University (QAU), Air University, Rawalpindi Women University (RWU), COMSATS, PMAS-Arid Agriculture University (UAAR), and International Islamic University (IIU)** for their exceptional support and collaboration.

Your contributions have been truly instrumental in making the Data Festival a resounding success. I look forward to foster deeper partnerships with Academia to drive innovation, promote Research excellence, and advance Data-driven solutions in future.

**Muhammad Sarwar Gondal (ستارہ امتیاز)**  
**Member (SS/RM)**

## STRATEGIC PLANNING

**Mr. Muhammad Sarwar Gondal** (ستارہ امتیاز)  
Member (SS/ RM), Spokes Person

**Dr. Amjad Javaid Sandhu**  
Director General (Admin)

**Ms. Rabia Awan**  
Deputy Director General

Content Development, Outreach and Engagement Team	
– Ms. Ayesha Sajid	Instructor
– Ms. Hina Kanwal	Statistical Officer
– Mr. Tauseef Younis	Statistical Officer
– Mr. Ameer Khan	Statistical Officer
– Ms. Noor Jahan	Statistical Officer
– Ms. Hafsa Batool	Statistical Assistant
– Ms. Tasmia Mohsin	Statistical Assistant
– Ms. Noor ul Ain	Statistical Assistant
– Ms. Nubeed Sohail	Statistical Assistant
– Mr. Amjad Ali	Lower Division Clerk

Transport Management Team	
– Mr. Dildar Hussain	Deputy Agriculture Census Commissioner
– Mr. Roofi Khurshid	Ministerial Assistant
– Mr. Nasir Riaz	Statistical Assistant

Contributors to Report	
– Ms. Ayesha Sajid	Instructor
– Mr. Tauseef Younis	Statistical Officer
– Mr. Ameer Khan	Statistical Officer
– Ms. Noor Jahan	Statistical Officer
– Ms. Hafsa Batool	Statistical Assistant
– Ms. Nubeed Sohail	Statistical Assistant



## EXECUTIVE SUMMARY

This report outlines the successful outreach initiatives undertaken to engage research, academia, and universities in the Data Festival. Through targeted content development, strategic communication, and collaborative events, we fostered meaningful partnerships and secured significant participation from the academic community.

The report details our approach, outcomes, and key takeaways, highlighting the impact of our efforts in promoting data-driven innovation and interdisciplinary collaboration.

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To delve deeper into our approach, let's consider an example. By tailoring our content to resonate with the research interests of different academic institutions, we were able to effectively capture their attention and generate interest in the Data Festival. This personalized approach not only increased engagement but also strengthened our relationships with key academic stakeholders.

Furthermore, our strategic communication efforts played a crucial role in conveying the value of the Data Festival to academia. For instance, by highlighting the practical applications of data-driven innovation in various fields, we were able to showcase the relevance and importance of interdisciplinary collaboration in today's rapidly evolving landscape.

Collaborative events also served as a cornerstone of our outreach initiatives. Hosting panel discussions, workshops, and networking sessions provided valuable opportunities for researchers, academics, and students to exchange ideas, share insights, and explore potential collaborations. These events not only enriched the academic experience but also fostered a sense of community and shared purpose among participants.

The report details our approach, outcomes, and key takeaways, highlighting the impact of our efforts in promoting data-driven innovation and interdisciplinary collaboration. This comprehensive overview underscores the significance of engaging academia in initiatives like the Data Festival, where knowledge sharing, innovation, and collaboration converge to drive meaningful change and progress in the field of data science.

## 1. INTRODUCTION

Pakistan Bureau of Statistics, being the National Statistical Office (NSO) of Pakistan, plays a vital role in data collection, compilation, and dissemination, serving as a cornerstone for evidence-based decision-making, policy formulation, and academic research in the country. By continuously expanding its data sources and maintaining a robust statistical system, PBS contributes to the overall development and progress of Pakistan.

Pakistan Bureau of Statistics is involved in the collection and compilation of data on various social, demographic, and economic indicators. This task is accomplished through the conduct of different surveys and Census, which provide valuable insights into the country's population, economy, and social trends.

In addition to primary data collection, Pakistan Bureau of Statistics also gathers secondary data on various indicators. This secondary data supplements the primary sources and enriches the statistical database maintained by PBS. By having a comprehensive repository of data, PBS contributes significantly to policy-making and planning processes in Pakistan. For instance, policymakers rely on this data to formulate evidence-based policies that address the country's socio-economic challenges effectively.

Moreover, the wealth of data collected by PBS is not only beneficial for policymakers but also for researchers and academia. Scholars can utilize this data in their research projects to analyze trends, conduct studies, and contribute to the knowledge base in various fields. This collaboration between PBS and academia fosters a culture of data-driven decision-making and promotes research excellence in Pakistan.

To give stakeholders an idea of the availability of data in various forms such as dashboards, micro data, and reports, and to understand the demand for data among stakeholders, it is essential to establish effective communication channels between data users and data producers. One of the most effective platforms for fostering this communication is through Data Fest. This event brings together key players in the data industry, providing a space for sharing insights, best practices, and innovative solutions.

Academia plays a crucial role as one of the main stakeholders in the data festival. By collaborating with academia, the data festival can benefit from their expertise, research capabilities, and diverse perspectives. For example, academic institutions can contribute by showcasing cutting-edge research projects that utilize data analytics techniques or by organizing workshops on data visualization methods.

Creating a dialogue between data users and producers at Data Fest can lead to valuable collaborations, new opportunities for data-driven initiatives, and a better understanding of the evolving needs and challenges in the data landscape.

By fostering a culture of collaboration and knowledge sharing, Data Fest serves as a catalyst for driving innovation and promoting data-driven decision-making across various sectors. Ultimately, by engaging stakeholders in meaningful discussions and activities, Data Fest plays a vital role in shaping the future of data utilization and leveraging its potential for societal impact.

## **2. IMPORTANCE OF ACADEMIA INVOLVEMENT**

The active involvement of academia in Data Fests is crucial for cultivating a strong foundation in data literacy, fostering innovation, and building a collaborative network between educational institutions and industry. Data Fests offer a dynamic platform where students, educators, and researchers can engage with real-world data practices and trends. The following key themes highlight the importance of academia's role in these events.

### **2.1. Promoting Data Literacy**

Data literacy is fundamental in today's data-driven world, and Data Fests serve as an ideal setting for developing this skill. Academia's participation in Data Fest promotes data literacy by allowing students and educators to engage with hands-on data projects, increasing their comfort and proficiency with data tools and analysis, and fostering a culture of data-informed thinking.

### **2.2. Fostering Innovation**

Academia's strong research background provides an innovative edge at Data Fests. Faculty and students contribute by showcasing creative solutions, new algorithms, and analytical approaches. This exchange encourages attendees to think outside traditional frameworks, driving advancements in data science and machine learning while nurturing the next generation of innovators.

### **2.3. Building Community Linkages**

Data Fests create a collaborative environment where academic participants can connect with industry professionals, government representatives, and community leaders. These linkages strengthen the ties between universities and local communities, fostering partnerships that can lead to future collaborations, internships, and community-driven data projects.

### **2.4. Showcasing Best Practices**

Educational institutions often bring rigor and discipline in data handling and analysis, setting a standard for best practices in data management, ethics, and privacy. By sharing these practices, academia helps promote high standards across industries, ensuring responsible and accurate data use in various fields.

### **2.5. Enhancing Decision-Making Skills**

Academia's involvement in Data Fests enhances participants' decision-making skills by emphasizing the value of data in making informed choices. Through workshops and



case studies, students and educators explore how data insights are applied in business, health, education, and policy, equipping them with tools to make evidence-based decisions.

## **2.6. Encouraging Data-Driven Storytelling**

Data-driven storytelling is essential in making data accessible and impactful. Academic participants are encouraged to use storytelling techniques to convey complex data findings in relatable ways, enhancing communication skills that are crucial for influencing and educating various audiences.

## **2.7. Supporting Education and Research**

Data Fests offer a unique setting for educators and students to gain exposure to cutting-edge tools, research topics, and industry challenges. Academia's involvement supports educational growth and opens doors for research partnerships that advance the data field and ensure continuous learning.

## **2.8. Facilitating Knowledge**

Sharing a core benefit of academia's presence is the sharing of diverse knowledge—from advanced analytics and programming techniques to theoretical insights and research findings. This cross-pollination of ideas enriches the learning experience for all attendees, creating a space where knowledge is freely exchanged and expanded.

### 3. PRE - EVENT ACTIVITIES

#### 3.1 Content Development

The preliminary step was the **preparation of various documents** to highlight the main purpose of Data Fest 2024, including the mode of participation which could cater the interest of different stakeholders. These documents include concept note, thematic areas, Academia brochure, faculty and students' response record proformas which played a critical role in presenting the thematic and structural aspects of Research & academia. A well-crafted concept note for each theme allowed for targeted, in-depth exploration of specific academic fields, encouraging interdisciplinary engagement. The academia brochure summarized the key details and benefits of the program, helped to attract broader participation together, these documents provided a cohesive framework for planning, promoting, and documenting academic initiatives, ensuring clarity, engagement, and alignment with institutional objectives.

**What will be contribution of faculty / students and universities to Data Festival?**

**Workshops and Tutorials:** Faculty members and researchers can conduct workshops, tutorials, and training sessions on data science, analytics, machine learning, and related fields.

**Keynote Speakers:** Professors and industry-experienced alumni can deliver keynote addresses.

**Mentorship:** Providing mentors from the faculty and advanced students to guide participants during hackathons or competitions.

**Panel Discussions:** University experts can participate in panel discussions on data-driven topics, sharing their expertise.

**Volunteering:** Student volunteers will be engaged to assist with event organization, management, and support activities.

**Competition Announcement**  
Students and universities can participate in Data visualization, Data Story telling, presentations, quizzes and other projects.

**The competition will be announced through specially designed website for Data Fest**

**The winners will be awarded by token money and other prizes**



Research Presentations

Volunteering

Data Visualization Competitions

Quiz Competitions

Poster Presentations

Data Storytelling

Data Science Project Exhibitions

Collaborative Projects

Ideas Generation

Networking Opportunities



**DATA FESTIVAL**  
*Unleashing the power of Data*

The National Data Fest is a key event for sharing knowledge, developing skills, fostering innovation, and encouraging collaboration in the field of data. As data becomes more crucial in our lives, this fest highlights its importance. It's a place for professionals, researchers, and enthusiasts to come together, celebrate, and innovate. Beyond just skills and technology, the fest aims to build connections, boost economic growth, and push our nation towards data-driven progress.

Data-fest 2024 is more than just an event; it's a celebration of how data can drive decision-making, spark creativity, and lead us to a future of knowledge and collaboration. This festival focuses on the vital role of data in improving life and starts a series of projects aimed at using data for societal good.

**For queries about Data Festival - 2024**  
Contact No  
051-9106504  
[www.pbs.gov.pk/pbs-datafest-2024](http://www.pbs.gov.pk/pbs-datafest-2024)  
@pbsofficialpak



Pakistan Bureau of Statistics  
Ministry of Planning, Development & Special Initiatives  
Government of Pakistan





## Objectives

Data-fest 2024 aims to:

**Promote Data Literacy:** Enhance understanding and skills in data science among participants.

**Directly Engage Data Producers with Data Users:** Facilitate interactions to bridge the gap between data creators and users.

**Showcase Benefits of Data Integration and Sharing:** Highlight how data amalgamation can generate holistic insights for informed decision-making.

**Create a Marketplace for Data Exchange:** Foster an environment where data can be traded, accessed, and utilized effectively.

**Promote Data-Driven Innovation:** Encourage new ideas and solutions through panel discussions featuring thought leaders.

**Foster Data Literacy and Visualization Skills:** Provide training on data analysis and visualization to empower participants.

## The Event will include



## Thematic Areas



### Data for life and Equity

Healthcare access and Social equity, education equity and poverty alleviation, Women and Children

### Harnessing data for Fiscal Resilience

Revenue generation, expenditure optimization, budget transparency and financial accountability



### Data for Governance and Growth

Price regulation, social service delivery, law enforcement, and public administration

### Climate Change, Adaptation and Disaster Risk Management

Climate resilience strategies, disaster preparedness, risk assessment and mitigation measures.



### Data Integration and Visualization for Development

Interdisciplinary Data Integration, visual analysis, data-driven decision making and sustainable development goals



## Importance of Data Fest



Promote Data Literacy



Foster Innovation



Builds Community linkages



Showcase Best Practices



Enhance Decision-Making



Encourage Data-Driven Storytelling



Support Education and Research



Facilitate Knowledge Sharing



Celebrate Data-Driven Achievements



Inspire New Ideas

## WHAT WILL BE THE CONTRIBUTION OF FACULTY / STUDENTS AND UNIVERSITIES TO DATA FESTIVAL?

**Workshops and Tutorials:** Faculty members and researchers can conduct workshops, tutorials, and training sessions on data science, analytics, machine learning, and related fields.

**Keynote Speakers:** Professors and industry-experienced alumni can deliver keynote addresses.

**Mentorship:** Providing mentors from the faculty and advanced students to guide participants during hackathons or competitions.

**Panel Discussions:** University experts can participate in panel discussions on data-driven topics, sharing their expertise.

**Volunteering:** Student volunteers will be engaged to assist with event organization, management, and support activities.

## COMPETITION ANNOUNCEMENT

Students and universities can participate in Data visualization, Data Storytelling, presentations, quizzes and other projects. The competition will be announced through specially designed website for Data Fest. The winners will be awarded by prizes.



Please register yourself at the earliest through the link

SCAN ME



www.pbs.gov.pk  
https://datafest.data.gov.pk

Instagram.com/pbsofficialpak  
LinkedIn.com/company/pbsofficialpak  
Facebook.com/PBSofficialpak  
Twitter.com/PBSofficialpak  
@PBSofficialpak  
@PBSofficialpak

PAKISTAN BUREAU OF STATISTICS (PBS)  
IS PROUD TO ANNOUNCE:

**DataFest**  
21<sup>st</sup> - 22<sup>nd</sup>  
OCTOBER 2024

The National Data Fest is a key event for sharing knowledge, developing skills, fostering innovation, and encouraging collaboration in the field of data. As data becomes more crucial in our lives, this fest highlights its importance. It's a place for professionals, researchers, and enthusiasts to come together, celebrate, and innovate. Beyond just skills and technology, the fest aims to build connections, boost economic growth, and push our nation towards data-driven progress. Data-fest 2024 is more than just an event; it's a celebration of how data can drive decision-making, spark creativity, and lead us to a future of knowledge and collaboration. This festival focuses on the vital role of data in improving life and starts a series of projects aimed at using data for societal good.

**OBJECTIVES:**  
Data-Fest 2024 aims to:

- Promote Data Literacy:** Enhance understanding and skills in data science among participants.
- Directly Engage Data Producers with Data Users:** Facilitate interactions to bridge the gap between data creators and users.
- Showcase Benefits of Data Integrations and Sharing:** Highlight how data amalgamation can generate holistic insights for informed decision-making.
- Create a Marketplace for Data Exchange:** Foster an environment where data can be traded, accessed, and utilized effectively.
- Promote Data-Driven Innovation:** Encourage new ideas and solutions through panel discussions featuring through leaders.
- Foster Data Literacy and Visualization Skills:** Provide training on data analysis and visualization to empower participants.

**THE EVENT WILL INCLUDE:**

- Keynote Presentations
- Workshops and Trainings
- Data Product Exhibitions
- Panel Discussions
- Networking Events
- Specialized Seminars
- The Music & Fun Gala
- Stalls

**DATA FOR LIFE AND EQUITY**  
Healthcare access and Social equity, education equity and poverty alleviation, Women and Children.

**HARNESSING DATA FOR FISCAL RESILIENCE**  
Revenue generation, expenditure optimization, budget transparency and financial accountability.

**DATA FOR GOVERNANCE AND GROWTH**  
Price regulation, social service delivery, law enforcement, and public administration.

**CLIMATE CHANGE, ADAPTATION AND DISASTER RISK MANAGEMENT**  
Climate resilience strategies, disaster preparedness, risk assessment and mitigation measures.

**DATA INTEGRATION AND VISUALIZATION FOR DEVELOPMENT**  
Interdisciplinary Data Integration, visual analysis, data-driven decision making and sustainable development goals.

**IMPORTANCE OF DATA FEST**

- Promote Data Literacy
- Foster Innovation
- Builds Community Linkages
- Showcase Best Practices
- Enhance Decision Making
- Encourage Data Driven Storytelling
- Support Education and Research
- Facilitate Knowledge Sharing
- Celebrate Data-Driven Achievements
- Inspire New Ideas



### 3.2 Invitation letters to universities and Follow up Strategy

Dispatching of **Invitation letters to universities (Annex – E)** was a key step to establish collaboration and securing participation from Research & Academia. These letters were accompanied by relevant documents like **concept notes (Annex -A)**, **thematic areas (Annex – B)**, **research & academia brochures, Data Fest Booklet and participation proformas for students (Annex – C) and faculty (Annex – D)** which offered a detailed overview of the event its objectives, and the mutual benefits for all involved institutions. Alongside the dispatch, **follow-up calls** to university representatives ensured that the communication has been received, clarifying any queries and reinforcing the invitation to participate. Maintaining a consistent follow-up strategy was crucial, as it provided an opportunity for feedback, enabling adjustments based on the stakeholders' interests. At the initial stage 44 universities were selected across Pakistan to send an invite to participate in Data Fest and the number of universities increased later to 54. The follow up strategy was thoroughly implemented telephonically and by **email with prompt response to queries**. A request email was sent to HEC to invite **(Annex – F)** universities on the behalf of PBS.



### 3.3 Meetings with Universities

Additionally, **meetings** were conducted in main universities in Islamabad and Rawalpindi e.g. NUST, IIUI, QAU, AIR, FAST, ARID, RWU and COMSATS and **focal points** were established with the nomination of potential focal persons of the respective institutions. At the provincial level top 2 universities were approached and meetings were conducted by PBS regional offices teams to encourage participation. However, many universities were approached at provincial level to invite for participation. **Data Fest Posters** were displayed in all main universities of Islamabad and **brochure** and other informative material was also distributed at Federal and Provincial level universities.




**Pakistan Bureau of Statistics (PBS)**  
is proud to announce

## DataFest 2024

**21<sup>st</sup> - 22<sup>nd</sup> October, 2024**  
at Pak-China Friendship Centre

#### Objectives of DataFest 2024

- Promotes Data Literacy
- Directly engage Data Producers with Data users
- Showcase benefits of Data Integration and Sharing
- Create market place for Data Exchange
- Promote Data Driven Innovation
- Foster Data Literacy and Visualization and Skills

#### Who can participate?

Researcher, Faculty, Educationalists, Data users and Students (BS, MS, M Phil, PHD) from all department specially Computer Science, IT, Statistics, Demography, Economics, Geography, Data Science, GIS and relevant fields can participate.

#### Thematic Areas



Data for Life and Equity



Data for Governance and Growth



Harnessing Data for Fiscal Resilience



Climate Change, Adaptation and Disaster Risk Management



Data Integration and Visualisation for Development

#### Activities

- Keynote Presentations
- Panel Discussions
- Data Visualization Workshops
- Project Exhibition/Stall
- Networking
- Data Product Demonstration
- Volunteering
- Games and Family Gala

#### How participation in data festival as volunteer and visitor is important for students?

- Practical Experience
- Networking Opportunities
- Portfolio Building
- Learning from Experts
- Innovative Thinking
- Career Exploration
- Resume Enhancement
- Collaboration and Teamwork
- Exposure to New Tools and Technologies
- Building Confidence
- Participation in Quiz Competition

#### How participation in Data Fest will provide opportunities to Universities?

- Showcase pioneering research projects and innovative applications of data analysis.
- Improve data-driven decision-making abilities and narrative skills

#### Student Volunteers:

- Act as PBS Ambassadors by promoting the event through Social Media and Brochure Distribution.
- Help PBS team to organize and execute the event.
- Welcoming and receiving guests, guiding visitors about different sections and activities of the festival, assisting with event logistics and operations, manage footfall participant students from university.

**Please register at the earliest through the link**

SCAN ME



[www.pbs.gov.pk](https://datafest.data.gov.pk)  
<https://datafest.data.gov.pk>



[Instagram.com/pbsofficialpak](https://www.instagram.com/pbsofficialpak)  
[Linkedin.com/company/pbsofficialpak](https://www.linkedin.com/company/pbsofficialpak)



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[@PBSofficialpak](https://www.facebook.com/PBSofficialpak)



### 3.4 Proposals from Academia

The response from Academia for participation in Data Fest was overwhelming with 8 panel discussions (**Annex- G**), 49 workshops including keynote presentations (**Annex – H**), poster presentations, exhibition and data storytelling proposals. Also, NUST, AIR and LUMS established **stalls (Annex – I)** in data festival with students' projects and faculty research work prominently NCBC LAB, a joint venture by NUST and LUMS. This coordinated approach fosters engagement, strengthens academic networks, and paves the way for productive partnerships.

### 3.5 Progress review meetings

All the progress related to Academia involvement was regularly shared during the progress review meetings conducted on weekly basis.

### 3.6 Seminars at Universities

Pakistan Bureau of Statistics conducted Seminars at various universities to aware faculty and students about the available opportunities for them in Data Fest. These seminars aimed to motivate students to participate in the Data Festival. The PBS team presented details about the festival (**Annex – O**), highlighting the importance of data in today's world. By showcasing how data drives decision-making and innovation, the seminar emphasized the critical role that accurate data plays in societal development. Engaging students in this discourse not only fosters their interest in data analytics but also prepares them for future careers in a data-driven environment. This initiative underscores the significance of seminars as platforms for knowledge sharing and skill development. At the end of all Seminars students were registered online as volunteers for Data Festival.

#### Seminars Schedule

Schedule for Seminars in Islamabad Universities				
Name of University	Name of PBS Team	Date	Detail of Activity	Total Duration
National University of Sciences and Technology	Mr. Amjad Javed Sandhu (DG Admin) Ms. Ayesha Sajid (Instructor) Mr. Touseef younus (Statistical Officer) Ms. Hina Kanwal (Statistical Officer)	1/10/2024	1. Introductory session 20 minutes, 2. Question and Answer session 10 minutes, 3. Online Registration 30	1 hour
Comsats University Islamabad	Mr. Syed Abdul Qadir (Director) Ms. Ayesha Sajid (Instructor) Mr. Touseef Younus (Statistical Officer) Ms. Noor Jehan (Statistical Officer)	2/10/2024		

Quaid e Azam University Islamabad	Mr. Sohaib (Director) Ms. Ayesha Sajid (Instructor) Mr. Touseef Younus (statistical Officer) Ms. Sana Habib (Statistical Officer)	3/10/2024	minutes, 4. Brochure Distribution	
Rawalpindi Women University	Mr. Sohaib (Director) Ms. Ayesha Sajid (Instructor) Mr. Touseef Younus (statistical Officer) Mr. Ameer Khan (Statistical Officer)	8/10/2024		
Arid Agriculture University Rawalpindi	Mr. Sohaib (Director) Ms. Ayesha Sajid (Instructor) Mr. Touseef Younus (Statistical Officer) Mr. Ameer Khan (Statistical Officer) Ms. Hina (Statistical Officer)	10/10/2024		

### 3.7 Objectives

The main objectives of seminars at university for data fest was:

**Knowledge Sharing:** To expose participants to the latest trends, research, tools, and technologies in data science.

**Networking:** To facilitate interaction between students, industry professionals, and academics, helping to build a community around data science and analytics.

**Skill Development:** To provide hands-on experience and workshops where participants can improve their technical and analytical skills.

**Inspiration and Innovation:** To inspire attendees with real-world applications and case studies where data science has been successfully implemented to solve complex problems.

**Collaboration:** To encourage teamwork and collaborative problem-solving, especially in competitions or hackathons often featured at DataFest events.

**Career Opportunities:** To offer career development opportunities, such as internships, job openings, and exposure to leading companies in the data science industry.

**Research Presentation:** To allow students, faculty, and professionals to present their research and projects to a wider audience, fostering academic growth and potential publication opportunities.

In essence, DataFest seminars aim to build a bridge between academia and industry, equipping participants with the knowledge and skills needed to thrive in the rapidly evolving field of data science.

**Event Overview:** Provide volunteers with an understanding of the overall structure and goals of DataFest, including the purpose of the hackathon, workshops, and seminars. This helps volunteers understand the context and importance of their work.

**Roles and Responsibilities:** Clarify the specific roles that volunteers will play during the event (e.g., helping with registration, guiding participants, assisting with technical setups, managing logistics, or helping with communication). This ensures volunteers know exactly what is expected of them.

**Event Logistics:** Provide details about event schedules, locations, and any logistical considerations. This helps volunteers manage time effectively and ensure that the event runs smoothly.

**Problem-Solving and Troubleshooting:** Equip volunteers with the skills to assist participants in case they face challenges, whether technical, organizational, or communication-related. This could include a basic understanding of tools or platforms used during the event, such as coding environments, data tools, or collaborative platforms.

**Teamwork and Communication Skills:** Help volunteers work collaboratively and communicate effectively with fellow volunteers, participants, and event organizers. This is especially important during high-pressure moments, like hackathons or workshops, where coordination is key.

**Networking and Professional Development:** Provide volunteers with the opportunity to network with professionals and organizers, making it easier for them to connect with mentors, potential employers, or collaborators.

**Technical Understanding:** For volunteers with technical roles, provide some background on the data science tools or technologies that participants will use (such as machine learning frameworks, data analysis platforms, or visualization tools), so they can assist effectively when technical support is needed.

**Event Etiquette and Customer Service:** Teach volunteers the importance of maintaining a positive, professional attitude, handling inquiries from participants, and ensuring a welcoming environment for all attendees.

**Safety and Emergency Protocols:** Ensure that volunteers know how to handle emergencies or unexpected situations and are familiar with any safety measures in place at the venue.

By attending these seminars, volunteers can gain the knowledge and confidence to support the smooth running of DataFest, contribute to a positive participant experience, and even build their own professional skills and network within the data science community.



**Pir Mehr Ali Shah  
Arid Agriculture University  
Rawalpindi**

**Prof. Dr. Muhammad Hanif**  
Chairman, Department of Statistics

**Cordially invites you to attend the  
Awareness Seminar on**

# DataFest 2024

**Thursday October 10, 2024 | 10:00 am**  
**Venue: Agriculture Seminar Room**

**Speaker**  
**Director**  
Pakistan Bureau of Statistics

**Chief Guest**  
**Prof. Dr. Muhammad Naeem**  
Vice Chancellor, PMAS-AAUR





**Themes**

- ◆ Data for Life
- ◆ Governance
- ◆ Fiscal Resilience
- ◆ Climate Adaptation & Development,
- ◆ Emphasizing on Digital Innovation & Integrity

**Organized By**

**Department of Statistics, Faculty of Sciences,  
PMAS-Arid Agriculture University Rawalpindi**





# QSS in collaboration with PBS Seminar about Data Fest



Statistic department  
qau islamabad



**Time:**  
10:30am -11:30am



03445382432



**Thursday:**  
03-Oct-2024



**Venue:**  
Auditorium  
Statistics

**Free Entry**

**Quaidian Statistical Society**





# RAWALPINDI WOMEN UNIVERSITY

Pakistan Bureau of  
Statistics (PBS)  
is proud to announce

## INTRODUCTORY SESSION ON DATA FEST 2024

BY  
PAKISTAN BUREAU OF  
STATISTICS

# DataFest 2024

20-21 October, 2024

Venue: Pak-China Friendship  
Centre, Islamabad



Themes: Data for Life, Governance, Fiscal Resilience,  
Climate Adaptation, and Development.  
Emphasizing on digital innovation, integrity, and  
collaboration, PBS is committed to building a more  
stable and prosperous future for Pakistan.

Instagram.com/pbsofficialpak

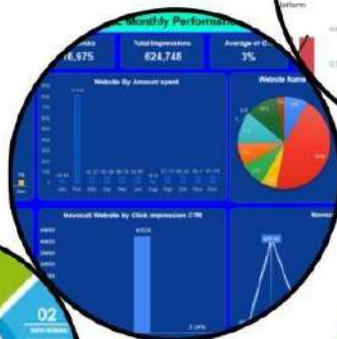
@PBSofficialpak

LinkedIn.com/company/pbsofficialpak

@PBSofficialpak

Those who are interested in  
data fest on 20-21 Oct 2024  
are invited to attend the event.

OPEN FOR ALL



8TH OCT 2024



FATIMA HALL



11:30AM - 01:00PM





Volunteers Registration at Comsats University



Group Photo at Comsats University



Volunteer Registration at Nust



Group Photo at Nust Seminar



Volunteer Registration at RWU



Group Photo at RWU



Volunteer Registration at QAU



Group Photo at QAU Seminar

### 3.8 Data Fest Ambassadors / Volunteers

First Data Fest, 2024 gave an excellent opportunity for students to involve in organization of event with PBS team. More than 500 students were registered as Data Fest Ambassadors / Volunteers. The TORs of volunteers are as under:

#### **TORs of Volunteers (Annex -J)**

##### **I. Reception and registration:**

- a. Welcome attendees, check registrations
- b. Identify guests of honor and inform the volunteers responsible for 'guiding guests of honor' about their arrival
- c. Manage wait lists

It is proposed that there should be separate Registration proforma for guests belonging to different categories like Academia, Media, Researchers, NGO's, Volunteers, Government Organizations, International Organizations, IT companies and Miscellaneous guests. Two volunteers will be responsible for each category.

##### **II. Guests of honor: (Annex - N)**

- a. Greet guests of honor upon arrival with flowers and providing a friendly atmosphere.
- b. Provide a brief overview of the event schedule, location of sessions, and any specific arrangements made for them.
- c. Ensure they have everything they need, such as water, technology support or special requests.
- d. Guide Guests of honor to Media Corner before their departure, where Media Volunteers will take their photographs and record their comments about Data Festival.

##### **III. Guiding Visitors:**

- a. Provide information on event schedule, speakers and logistics
- b. Direct attendees to respective sessions or areas
- c. Serve as a point of contact for attendees, answering questions, venue layout and session details.
- d. Manage the visitor's students from universities and help them if they need any guidance.

##### **IV. Media management:**

- a) Capture event photos, videos for future promotional use.
- b) Assist with media partnerships, press coverage.
- c) Manage social media engagement (respond to comments, messages).
- d) Coordinate interviews with speakers and attendees.
- e) Ensure that comments of all the guests of honor have been recorded and their photographs have been taken.

## **V. Hall management:**

- a) Ensure session rooms are ready and equipped.
- b) Manage room capacity, enforcing seating arrangements.
- c) Monitor time keeping, ensure smooth transitions.
- d) Handle Q&A sessions, microphones.
- e) Keeps an eye on the audience needs ensuring they are comfortable and engaged during sessions?

## **VI. Panel discussion management:**

- a) Introduce panelists, moderate Q&A sessions, and speakers for their turns.
- b) Ensure panelists have necessary materials (bios, Presentations).
- c) Manage time keeping, keep discussions on track.
- d) Facilitate audience engagement (microphones, questions).
- e) Assist with panelist logistics (travel, accommodations)

## **VII. Workstation management:**

- a) Prepare workstations with necessary materials including presentation tools and information brochures.
- b) Assist with any technical issues, ensuring all equipment (like projectors and microphones) is functioning properly.
- c) Keep an eye on workstations during sessions to maintain a smooth flow and address any questions or concerns from attendees.

## **VII. Logistics and operations:**

- a) Manage event schedule, timelines.
- b) Ensure accessibility, accommodations
- c) Manage transportation for guests of honors and other guests, ensuring they arrive at sessions on time.

## **VIII. Ranking of Stalls**

- a. Rank the stalls on the basis of interest of audience in stall and outlook of stall, as extra ordinary stalls will be awarded with prizes.
- b. Assist with event evaluation, feedback collection.

## **IX. Publicity of Data Fest**

Additionally, all volunteers will be Ambassadors of PBS and will distribute Data Fest related material to respective universities.



### 3.9 Orientation Session at Pak China Friendship Centre



To conduct the Data Fest smoothly, 541 Data Fest Ambassadors / volunteers were registered. To apprise Data Fest Ambassadors / Volunteers about their Roles and Responsibilities during Data Fest, an Orientation Session of Data Fest Ambassadors (**Annex – K**) was carried out at Pak China Friendship Centre on 20<sup>th</sup> October, 2024. During Session Mr. Muhammad Sarwar Gondal (SI), Member (SS/RM) discussed the goals and expected outcomes of the Data Fest. The duties

were also distributed among volunteers. A brief overview of the organization and a team building exercise related to workshop themes were provided to Volunteers. An open floor for questions and discussion was provided by the end of session. This workshop was an amazing opportunity for volunteers to connect with each other and organizers. A comprehensive workplan was shared with the students and a team comprising of PBS officers and Volunteers was constituted for the smooth execution of Data Fest.



### 3.10 Data Fest Merchandise

The Data Fest merchandise was designed to celebrate the spirit of innovation and community that the event embodies. Featuring thoughtfully crafted items such as branded apparel, stationery, and accessories, the merchandise served as both functional tools and memorable keepsakes for participants. Each item reflected the vibrant identity of the Data Fest, symbolizing a shared commitment to data-driven innovation and collaboration. The merchandise not only added to the excitement of the event but also provided participants with lasting reminders of their experience and the connections they built during the festival.





### 3.11 Data Fest Shirts for Volunteers and Ambassadors

To foster a sense of unity, custom-designed Data Fest shirts were provided to all volunteers and ambassadors during the event. These shirts, adorned with the event's branding and vibrant colors, symbolized their invaluable contributions and commitment to making the festival a success. The shirts not only helped identify the dedicated team members but also instilled a sense of pride and belonging among them. Serving as both practical attire and a cherished keepsake, the shirts reflected the collaborative spirit and dynamic energy of the Data Fest.



## 4. DURING EVENT

### 4.1 Academia stalls and Incubation Centre

Three universities NUST, LUMS (NCBC) and Air University, Islamabad displayed their projects / Web Portals etc. on stalls. Further an incubation Centre was established where different universities were allocated terminals where students displayed their products / Projects. The students who participated were from Quaid-e-Azam University, Islamabad, Rawalpindi Women University, Arid Agriculture university, Air University, Kamra, Kinnaird College Lahore and Comsats, Lahore.

### 4.2 Project and Quiz Competition

71 students from above mentioned universities presented 27 projects in groups. The projects were divided into three categories I.e., Category 1-PHD/ MS level Research Project, Category 2-BS level Research, Category 3-Basic Projects. In the category 1, the winner was Muhammad Zain from NCBC, category 2 third position was given to Engr. Muhammad Suleet and Muhammad Asim Mehmood from Arid Agriculture university project named Soil health monitoring system, second to Khushi Muhammad and Muhammad Faizan from Air University Kamra project named Augmented reality based user manual and First to Syed Wajdan Zeerak, Syeda Zaininsh Fatima, Raja Abdul Rafay, Hamza Nawaz, Ayesha Saleh, Meesam Abbas and Tanveer Taimoor from Air University Islamabad project named CPI Dynamics in Pakistan: A city level analysis of seasonal prices trends. Category 3 winner was Ansa Ismaeel and Sehar Shabbir from Comsats, Lahore project named Mental health is a universal.











## Projects

S.no.	University Name	project	Student Name
1	Comsats Lahore	Unintentional injuries and fire safety analysis in SAARC nation.	Fiza Saleem, Tehmina Lateef
2		Mortality Rate due to Air Pollution in South Asian Countries	Tehmina Lateef and Fiza Saleem
3		Positive and Negative impacts of Social Media	Aliza Zulfiqar Comsats Lahore
4		Smoking and its effects on Health	Deen.M
5		Statistical Analysis of Mortality Rate by Road Accidents	M.Shayan
6		Health Outcomes of Eating Disorder in South East Asia	Zainab Sajjad
7		Mental Health is a Universal Human Right	Ansa Ismaeel & Sehar Shabbir
8		Effect of Water Pollution on Death Rate	M.Shehroz
9	Quaid e Azam University Islamabad	Health Students Attitude	Shagufta Fatima, Maryam, Anood Afaq
10	Quaid e Azam University Islamabad	Analyzing and Understanding Questionnaire Data	Shagufta Fatima
11	Rawalpindi Women University	Stat forge-Experts Statistical Solutions	Ramsha Basharat
12	PMAS AAUR-Green AI	Soil Health Monitoring System	Engr.M.Suleet Mr.Asim Mehmood
		Weed Detection Application	Mr.Hamza Mehmood Mr.Hassan Nawaz
13	Air University, Islamabad	Mepco Defaulter Analysis: Integrated climate resilience: urban heat mitigation, flood risk management and agriculture adaptation	Muhammad Rafay Suhaib Farooq Zammad Ahmed Zubair Tahir Anas Ishaq
14		Accelerating Pakistan's Clean Energy Transformation	Ayema Amir Sami Ullah Abbasi Talha Bin Omar

S.no.	University Name	project	Student Name
15	Air University, Islamabad	CPI Dynamics in Pakistan: A city level analysis of seasonal price trends	Syed Wajdan zeerak Syeda Zainish Fatima Raja Abdul Rafay Hamza Nawab Ayesha Saleh Meesam Abbas Tanveer Taimoor
16		Sindh Crime Analysis	Hamza
17		Decoding the symphony of Criminal Records	Abid Hussain Umair Ali Saad Abdullah M. Sami Jahangir
18		Students Stress Prediction	Aroosh Altaf Abu Bakar Abdullah Ahsan Ijaz
19		Yango X Indrive Comparison Ride Wars a data driven cost analysis	M. Umair Sarah Sajid Khizer Nasir Khadija Sadar
20		Sentement Analysis on Daraz Reviews	Eman Ahmed Sara Shabbir Tuba Istikhar Mehmood Iqbal
21	Kinnaird	Poster Presentation	Dua Saleem, Khazima Mushatq, kanwalShahid, Isma Aamir
22	Air University, Kamra	Generative AI driven Shoe Designer	i)Amjad Khalil ii)Mehmona Amjad iii)Riaz Gul
23		Deep Learning Based Dysgraphia Diagnosis Tool	i) Rumaisa Fatima ii)Umar Shahzad iii) Osama Mehram
24		Augmented Reality Based User Manual	Khushi Muhammad M. Faizan
25		AI Assisted First Aid Learning & emergency Support	Ashan Ali Asif M. Wasiq Zafar Syeda Sara Afzaal
26		AI based Youtube content review Analyzer	Kainat Afzal Muneeba Banaras Umar Bin Ayaz
27		Value Chain Analysis of Bykia	Hooria Noor

## Quiz Competition:

Online Quiz Competition on the themes of Data Visualization were carried out.







## 4.3 Volunteer Management

All Data Fest Ambassadors/Volunteers were instructed to register their attendance upon arrival and prior to departing the Data Festival. T shirts were distributed to all Volunteers for their identification. Volunteers were already briefed about the specific tasks through WhatsApp groups and Orientation Session. University-wise and task-wise WhatsApp groups were established. Communication channels were set up for swift interaction among the teams. Breaks and meals were scheduled for volunteers. Volunteers were urged to promptly communicate any issues.

### Volunteer Management (DAY – 1)

Duties of Data Fest Ambassadors / Volunteers assigned for Data Fest, 2024								
S. N o.	Duties Assigned	PBS Officers	Ushers	Day 1				Total
				09:00 am - 11:00 am	11:00 am - 1:00 pm	1:00 pm - 3:00 pm	3:00 pm - 5:00 pm	
1	Reception & Registration	Mr. Ehtesham, Director DP Ms. Rizwana Siddique, Director, Ms. Tayyeba Rehman, Sy. Analyst Ms. Asma Hamza, System Analyst Raja Aurangzeb Khan, DPA	4 ushers	Kaleem ullah, NDU Ali Raza, AIR Aziz, IIUI Alishba Irfan, IIUI Jamal Tahir, RWU Abdul Basit, Arid Maryam Noor Fatima, FAST Sarmad Farooq, NUST, EME	Faraz Kashif, AIR Esha Naeem, PIDE Muneed Saeed, FAST Eman Fatima, COMSATS Rubab Malik, RWU Dr. Iftikhar ul Haq, AIR Minhaj Kaleem, COMSATS Narmeen Faisal, AIR	Anab Naveed, FAST Hamza Rabnawaz, COMSATS Usama Javaid Abbasi, IIUI Sehar Zahoor, QAU M. Ali Hassan, AIR Muhammad Shaheryar Naeem, Affiliated college university of Gujrat Rubab Zia, RWU Aliha Amjad, NUML	Sufyan Mumtaz, NDU Aymen Arshad, NUST M. Kashif, QAU M. Asad Ashraf, AIR Manahil Khan, RWU Ahmed Raza, IIUI Noor Fatima, IIUI Ammara Malik, RWU	32
2	Guest Of Honour/ Guiding Visitors	Dr. Naveed Iqbal Mr. Faiz, S.O Ms. Amna SO Ms. Asia, SO, Ms. Neelum Bibi		Sami Jahangir, AIR Syed Taha Rabani,ND U Areeba Khawar, Arid Aneeq Shah, IIUI Omaima Abid, RWU Ch. Haseeb, COMSATS Faseeh ur Rehman, FAST Mahnoor Shahid, IIUI Laiba Ali Aurangzeb, NUST, EME Abdul Hadi,	Eman Butt, AIR Sami Naeem, FAST Zameena Talat, COMSATS Javeria Younus, NUML Syed Wajdan Zark, AIR M. Ayub, QAU Chandi, QAU Umair Ali, AIR Eisha	Ramta Farhat, AIR Areeba Nouman, FAST Zakriya Ijaz, COMSATS Izza Shahzad, NUML M. Furqan rauf, AIR Rim Khan, RWU Kainaat Gul, RWU Ahad Khan, AIR Fatima Anwer, PIDE	Asad ullah Baqir, NUST Maaz Ali, QAU Sehar Zahoor, QAU Muhammad Zaid, FAST Memoona Younus, IIUI Ahmed Usman, NUST Ayesha Hissam, COMSATS Mehjabeen Fatima, QAU Hizbullah Sami Raja, QAU Arooj Naqvi, QAU Naimat Ullah, QAU Emaan Iftikhar,	60



				<b>NUST</b> <b>Ch. M. Jawad,</b> <b>NUST</b> Soha Adnan, COMSATS M. Ubaid Ullah, COMSAT S Ali Gohar, QAU Madiha Zaib, QAU	Wahid, AIR Malaika Afzaal, RWU RImsha Zaib, RWU Hamna Muzafar, GSCWUB Maham Aziz, ARID Mirza Itrat Amar, ARID Shah Meeran Ali, FAST	Ghulam Fatima Asghar, IIUI Asadullah, AIR <b>Yasir Nadeem,</b> <b>COMSATS</b> M. Misbah Haider, VIRTUAL Naima Zulfiqar <b>Siddiqui,</b> <b>FAST Syeda</b> <b>Fatima Shah,</b> <b>NUST</b>	IIUI Khadija Idrees, RWU Misbah rehman, RWU Sania Zubair, RWU	
3	<b>Stall</b> <b>Management</b>	Ms. Shazia Director, Ms. Sadiah Chaudhary, DD Mr. Zubair Ahmed AD	1. usher (each Premium stall) 2. ushers (Food Stall)	Saadia Khan, AIR M. Yaseen, IIUI Adeena Pervaiz, AIR <b>Hadia Zulfiqar,</b> <b>RWU</b> Syed Shehzal Ali, Affiliated college university of Gujrat Hammad Ali, IIUI <b>M. Shees</b> <b>Husnain, AIR</b> M. Faizan, IIUI M. Tayyab Shabbir, AIR Shaheen Bibi, RWU Rameen Anzak, NUST	Kumail Abbas, AIR Azka Yameen , FAST <b>Noor ul Ain Saqib,</b> <b>COMSATS</b> Jawad Ahmed, NUML, Abdullah , FAST <b>Taha</b> <b>Pervaiz,</b> <b>COMSATS</b> Sufiyan Abbasi, IQRA Khizar Ahmed, COMSATS <b>Abdullah</b> <b>Ehsan,</b> <b>AIR</b> Shoaib Mehdi, QAU Kashaf Irfan, RWU Shehzadi Hira Adil, IIUI Riffat Waseem, COMSATS Imama Azhar, IIUI	Moneeza, AIR Syed Qahafa Ahmed, FAST Reezan Ahmed, COMSATS <b>Tooba Tahir,</b> <b>QAU</b> Irtiza Abbas, FAST <b>Muhammad</b> <b>Wasay Ullah</b> <b>Babar, COMSATS</b> Khizer Jathol, AIR Abu Baker, ARID Agriculture Raja Afzaal Ahmed, ARID M. Arsalan, NUST Hamna Kiyani, COMSATS <b>Taha Ali,</b> <b>QAU</b>	<b>Aman</b> <b>Asghar, NUST</b> Ghulam Mohi ud din, NUST <b>Noman</b> <b>Khalid, QAU</b> Afshan Naseem, RWU <b>Shehzad</b> <b>Aman,</b> <b>COMSATS</b> Abdur Rehman, FAST <b>Haider</b> <b>Jamal, QAU</b> Adeel, ARID Rauf Akram, ARID <b>Mujtaba</b> <b>Ahmed, Nice</b> <b>NUST</b> Zaeem Ahmed , FAST <b>Adil</b> <b>Rehman,</b> <b>NUST</b>	49
4	<b>Media</b> <b>Management</b>	Ms Sana Habib, SO Ms Raheela Sharif, SA		<b>Shagufta</b> <b>Fatima,</b> <b>QAU</b> Haseeb ul Hassan Qureshi, IIUI Hamza Hussain, Riphah <b>Munaza</b> <b>Basharat,</b> <b>RWU</b> Nadeem Akhtar,	Adeel Arshad, AIR Abdul Musawir, FAST <b>Kh.</b> <b>Haroo</b> <b>n,</b> <b>COMS</b> <b>ATS</b> Zain Ali,	<b>Ali</b> <b>Shakaib,</b> <b>NUST</b> Usama, AIR Sheharyar , FAST Asad Ali, IQRA Zainab, RWU Momna Saeed,	M. Hammad Zafar <b>Chakar</b> <b>Fazul, QAU</b> <b>Amna</b> <b>Batool,</b> <b>AIR</b> Fatima, RWU Syed Shaf Shah, COMSATS Obaid ur	28

				COMSATS <b>Mahareeb Baloch, QAU</b> Taimia Tariq, QAU	IQRA Misbah, RWU Syed Salman Shah, IQRA Bibi Sawera, RWU	RWU Nisha Javed, ARID	Rehman, NUST Paashma Afzaal Qureshi, NUST	
5	<b>Hall Managem ent (Openieng ceremony)</b>	Mr. Imran Saleem, Qazi Saeed ul Hassan, Ms. Ayesha Sajid Mr. Saqib Sultan, Mr. Saeed	4 (2 inside, 2 outside)	Hazrat Ameen, IIUI Arish Afaq, IIUI Javaria Khalid, AIR <b>Nimra Ali, RWU</b> <b>Azain Khalid, COMSATS</b> Faraz Fazal, FAST Muhammad Shuja ud din, FAST <b>Aleeza Aftab, NUST, EME</b> Masum Abbas, AIR Usaid Ahmed, UOS				10
6	<b>Workshop Station Managem ent</b>	Dr. Behrawar Jan, DDG, Mr. Rizwan Bashir, Director Ms. Kanwal Murtaza, CSO	6 ushers		<b>Rabiq Qayyum, RWU</b> Ayesha Khan, RWU Muhamma d UmAIR Ali, AIR Raeed Kashif, FAST Esha Javed Khan, PIDE Rafia Batool, IIUI Dr. Noor Zeb Khan, AIR <b>Arooba Batool Malik, COMSATS</b> Rabqa Imran, Hamdard <b>Nasika Ijaz, NUST</b>	Saima Riaz, RWU Anzal Shehzad, RWU Sofia Raheel, FAST Sania Gul Panzai, PIDE Nusrat, AIR <b>Abdullah Shafaat, COMSATS</b> Inam Durrani, H-8 College Hamza Malik, IQRA <b>Amna Aqeel, NUST, EME</b> <b>Abdullah Naeem, NUST</b> Hafisa Iqbal, ARID	<b>Sarosh Faisal Siddiqui, COMSATS</b> Muhammad Hani, FAST Tehreem Asif, IIUI <b>Saba Farooq Baloch, NUST, EME Ahnaf Wahaj, NUST</b> <b>Fasih ullah, NUST</b> Frahil Izza, COMSATS Umaz Hamza Raja, COMSATS Noor Fatima Tabassum, QAU Hasnain Mehmood, QAU	30
	<b>IT Support</b>	Mr. Ali Raza,		<b>Abdul Rehman Shahid, NUST</b> Sher Ghulab, QAU <b>M. UzAIR,</b>	Faryal Khawar, Comsat Areeba	<b>Baneen Zehra, QAU</b> Abdul	Meerab Fatima, QAU Rida Naseeb, QAU	

7	/ Trouble Shooting	System Analyst, Mr. Anwar Zeb, DPA Mr. Farrukh Ashfaq, SA		QAU M. Asghar, QAU MAlaika Shehzadi, QAU Ayesha Khalid, FJWU Alisha RWU IQra Arshad, RWU Emaan Pervaiz, ARID Safdar Ali, UOS	Sarwar, QAU <b>Maryam, QAU</b> <b>Kifayatu Ilah, QAU</b> Mehboob Husnain, QAU <b>Sawera Fareed, RWU</b> Esha Mughal, RWU Suriya Meharban, RWU Ayesha Hamid, ARID Ayesha Mehmood, ARID	Haseeb, AIR <b>Ibrahim Arif, AIR</b> <b>Saiqa Akhtar, RWU</b> Fatima, RWU Alishba Bukhari, ARID Asad ullah jan, ARID Attique Hussain, ARID Ayesha Aziz, ARID Ayesha Hameed, ARID	SumAIRa Ahmed, QAU <b>Mehmood Iqbal Khattak, AIR</b> Jerusha Amir, RWU Rabbia Fareed, RWU Atiqa, ARID Agriculture Hina Farhat, ARID Huma Aman, ARID Laiba Zafar, ARID	40
8	Emergency Numbers for Exhibitors		No of Ushers not mentioned	<b>Yasayah Nadeem Khokhar, COMSATS</b> Ali Hasnain, COMSATS	<b>Aliza Mushtaq, NUST</b> Saif ur Rehman Minhas, COMSATS	Shitba Kashif, FAST <b>Areeba Tahir, QAU</b>	<b>Sara Qureshi, NUST</b> Mehwish Zaheer, IIUI	8
<b>Timing 2:00pm-4:00 pm</b>								
9	Panel Discussion Management Hall 1	Dr. Amjad Javed, DG Admin, Ms. Rabia Awan, DDG (Datafest), Ms. Ehsana Anum Syed, SO, Mr. Haseeb ur Rehman, Mr. Saqib			Malaika Faheem, RWU Aleena Sehar, RWU Hira Binte Zahid, FAST Shalina Dinar, IIUI Khawar Hassan, AIR <b>Qasim Zaidi, COMSATS</b> <b>Talal Arif Shah, NUST, EME</b> M. Asadullah Jaan, NUST Areeba Khizer, COMSATS Ahsan Ali, QAU			10
10	Panel Discussion Management Hall 2	Mr. Muhammad Najeebullah, Ms. Hina Kanwal, Mr. Saqib Sultan Khawar			Hira Hoor, NUML Muhammad Talha, IIUI Wardah Zia, IIUI Sidra Khudadad, Lecturer, RWU <b>Farah Abbasi, RWU</b> Muhammad Tayyab, AIR			10



				Ch. Nauman Majeed, PIDE Nabeel ur Rehman, QAU Dr. Wajid Ali, AIR <b>Taimoor Bashir, COMSATS</b>	
11	<b>Publicity of Datafest / Ranking of Stalls</b>			All Data Fest Ambassadors and Volunteers	277

## Day – 2

Duties of Data Fest Ambassadors / Volunteers assigned for Data Fest, 2024								
S.N o.	Duti es Assig ned	PBS officers	Ushers	Day 2				Total
				09 am - 11- 00 am	11:00 am - 1:00 pm	1:00 pm - 3:00 pm	3:00 pm - 5:00 pm	
1	Recep tion & Regist ration	Ms. Tayyeba Rehman, Sy. Analyst Ms. Asma Hamza, System Analyst Raja Aurangzeb Khan, DPA	4 ushers	Junaid Imran, NUST Kiran Afzal, NUST <b>Mir Chakar Ubaid, QAU Eman Yawar Shehzad, AIR</b> Jaweria Ishtiaq, RWU <b>Fauzan Ahmed, NUST</b> M. Irtaza Hussain, NUST	Laiba Andaleeb, NUST M. Arsalan Quresh, NUST Faiza Naz Sheikh, QAU <b>Touba, AIR</b> Momina Nadeem, RWU M. umer Imran, COMSATS <b>M. Owais Khan, QAU</b>	M. Zawyar, NUST M. Zohaib Siddique, NUST <b>Habib Ullah, QAU</b> Hamza, AIR Amna Mehmood, RWU <b>Abid Ali, QAU</b> M. Tahir Hammad, NUST	<b>Hidayatullah, QAU</b> M. Naseem, QAU M. Saleh, AIR <b>Ramsha Basharat, RWU</b> Hareem Fatima, NUST Samiullah, ARID, Mian Farhan Nadeem, NUST	28
2	Gue st Of Hon our / Guid ing Visit ors	Dr. Amjad Javaid Sandho, DG Admin, Dr. Naveed Iqbal Mr. Sarfraz Ahmed, CSO Mr. Altaf Hussain,AO Mr. Dildar Hussain, DACC,		Huzaifa Akram, NUST Kashaf Fatima, NUST Hasnain Mehmood, QAU <b>Manaal Jawaad, AIR</b> Minahil Rauf, AIR Hassan Waheed, NUST Kashif Ali, NUST	Maria Haider, NUST M. Arsalan, NUST Qais Ali, QAU <b>Shizra Azhar, AIR Javeria Ramzan, AIR</b> Maria Imran, NUST M. Ahtisham Sudheer, NUST	M. Hamza Iqbal, NUST Muneeb Mehmood, NUST Ismael Khan, QAU <b>Emaan Ahmed, AIR</b> Ali Hassan Raza, AIR M. Haris Bashir, NUST Muneeb ur Rehman, NUST	M. Hasnain Qasim, QAU Nimra, QAU <b>Khadija Sadar, AIR Ahmed Ali Subhani, AIR</b> Zainab, QAU Kausar Abbas, QAU M. Daood, QAU	28
	Stall Mana geme nt		1 usher (each Premium stall) 2 ushers (Food Stall)	<b>Hassaan Hafeez, NUST</b> Khadija Siddiqui, NUST Aizazuddin, COMSATS Shazmin Nasir,	<b>Hafiz Muzammil Hussain, NUST</b> Roomi Nazakat, ARID M. Talha Arif, NUST Asawar Nadeem.	Wania Adnan, AIR M. ZubAIR, QAU <b>Syed Sajjad, AIR</b> Madeeha Chauhan, QAU <b>Hamza Ameen, AIR</b>	Iqra Emaan, RWU Tayyab Afshan, RWU Sania Kulsoom, ARID Sania Zahra, ARID <b>Ayesha Hamid,</b>	27

				COMSATS Ayyan Izhar, AIR <b>Adeela Rasheed, QAU</b> Amna Iftikhar Abbasi, QAU Urba Riaz, RWU	COMSATS Ehtisham ullah, QAU Moiz Qureshi, AIR <b>M. Arqam Aqeel, AIR</b>	Maryam Munawar, AIR <b>Asfar Maham, AIR</b>	<b>RWU</b> Sundus, ARID	
3	<b>Media Management</b>	Ms Sana Habib, SO Ms Raheela Sharif, SA		Hassan Sumbal, NUST M. Asjad Shahid, NUST <b>M. Abid Shehzad, QAU</b> M. Abdur Rehman, AIR Rataba Shahzad, RWU	Maryam Javed, NUST M. Ahmed Ashraf, NUST <b>Basit Ali, QAU</b> M Ahmed Junaid, AIR Nimra Amir, RWU	M. Haseeb Junaid, NUST Najeeb Ullah, NUST Mahnoor Mubarik, QAU <b>Ezzah Yasin, AIR</b>	Esha Javed, QAU Sohail Khan, QAU <b>Fazal Hanan, AIR</b> Hayan Kabeer, QAU	18
4	<b>Hall Management</b>	<b>Closing Ceremony</b> Ms. Rabia Awan, Dr. Naveed Iqbal, Mr. Sarfraz, Mr. Hassan Raza, Mr. Sabahat Nadeem	4 (2 inside, 2 outside)			M. Hassan Ali, NUST Nimra Rashid, NUST Ahmed Abdullah, COMSATS <b>Fatimah Kahlid, NUST</b> Hira Naseer, AIR <b>Maryam Syed, NUST</b> M. Abdullah Azfar, NUST Ayesha Majeed, COMSATS Umar Khan, QAU Hassan Ahmed Khurram, AIR		10
5	<b>Workshop Station Management</b>	Dr. Behrawar Jan, DDG, Mr. Rizwan Bashir, Director Ms. Kanwal Murtaza, CSO	6 ushers	<b>Hamza Imran Khan, NUST</b> M. UmAIR, NUST M. Umer Shehzad, NUST Syed Bilal Hussain Shah, NUST Javeria Imtiaz, COMSATS M. Abdullah Tariq, COMSATS Abeer Sheikh, COMSATS Sehar Fayyaz, COMSATS M. Akhtar, QAU	<b>Maheen Asif, AIR</b> Mohib Aziz, NUST M Usman, NUST M. Wajahat Ahmed, NUST Talha Nadeem, NUST M. Taha Ali, COMSATS Insharah Bilal, Comstas Ahmed Abdullah Mughal, COMSATS Tooba Malik ,COMSATS Usman Ghani, QAU	Muhammad Rumman, NUST M. Saad Waseem, NUST M. Zain, NUST M. Zain Talib, NUST umar Yasir, NUST Hussain Ahmed, COMSATS IQRA Abid, COMSATS Saad Ali Abbasi, COMSATS Haleema Azhar, COMSATS <b>Ayesha Saleh, AIR</b>	Zainab, QAU <b>Wania Tabassum, QAU</b> Syed Zainab Ullia, QAU Alisha, QAU Haider Zaman, AIR Masooma Raza, NUST Lubaba Tanveer, RWU Hadia Alam, RWU Areeba Yousaf, FAST <b>Kaleemulla h, QAU</b>	39
	<b>IT Support</b>			<b>Fatima Rehman, NUST</b> Syed Omer Ali Ghani, QAU	<b>M. Razzaq, QAU</b> Momina Zulfiqar, RWU Afshan	Habib Ali, QAU <b>Abid Hussain, AIR</b> Aleena Seher, RWU	Gauhar Rehman, QAU Areeb Seher, AIR <b>Masum</b>	29

	t / Troubl e Shooti ng			Rehman Kaleem, QAU Taufeeq Qadar, AIR Sawera Fareed, RWU Alishba Rani, RWU Farwa Yasin, RWU Alisha Abrar, RWU	Naseem, RWU Wajiha Anjum, ARID Zoha Nazir, ARID Sadaf, ARID	Shanza Salahuddin, RWU RWU Madiha Bibi, RWU Marwa Shehzadi, RWU Iqra Emaan, RWU Saba Bibi, ARID	Abbas, AIR Bisma Latif, RWU Eisha Tur Razia, RWU Amna, RWU Saania Zaheer, RWU	
	Emer gency Numb ers for Exhibi tors		No of Ushers not mentioned	Anood Afaq, QAU M. Taha Mansoor, AIR Aleeza Asghar, AIR Mehwish Zaheer, AIR Anum Saeed, FJWU Ayesha Kausar, RWU Fiza Shahid, RWU Aneela Hameed, ARID Aqsa Hameed, ARID Aqsa Iqbal, ARID	Samiullah Abbasi, AIR Abdul Raheem , QAU Kiran Mahr, AIR Ammara Fatima, RWU Fakiha Noor, RWU Hadia Qurshaid, ARID Hafiza Rumaisa Shahid, ARID Irum Shehzadi, ARID Kashmala Khizer, RWU	Abdullah, QAU Aqdus, AIR Husain Ali, AIR Ayesha Nadeem, RWU Esha Emaa, RWU Khadija Bilal, ARID Laiba Tahir, ARID Sana imran, RWU Rimsha Khan, RWU Beenish, ARID	Muqadas Fatima, NUST Sehrish Mushtaq, RWU Maham Shahid, RWU Maryam Ijaz, RWU Alisha Tahir, RWU Laibah Shakil, RWU Adeel, ARID Moiz Tanveer, AIR	38
				11:00 am -01:00 pm		2:00 pm-4:00 pm		
6	Panel Discus sion Mana geme nt (Hall 1)	11:00 am - 1:00pm Ms. Rabia Awan Dr. Arshad 2:00 pm- 4:00 pm Ms. Sobia Munawwar , Mr. Arslan Bashir		Aleena Ali, COMSATS M. Nadeem Azhar, NUST Saif ur Rehman, NUST Shahbaz Nawaz, NUST Umaima Nadeem, NUST Shiza Imran, COMSATS Isma Iftikhar, COMSATS Noor ul Hassan, COMSATS M. Aman Cheema, QAU M. Burhan, QAU	M. Ramzan, NUST Zoraiz Ahsan Raja, NUST Umul Baneen, COMSATS Sikander Sohail Abbasi, COMSATS Qudsia Habib, COMSATS Yashal Atif, COMSATS Amna Amjad, COMSATS Emaan e Seher, QAU Hamza Babar, NUST		19	
7	Panel Discus sion Mana	11:00 am -1:00pm Mr. Attique ur Rehman, Dr. Adil Ms. Hina		Mashal Fatima, NUST Mubashir Akram, NUST Uzzaim	Fazal Deen, QAU Kausar Abbas, QAU M. Razzaq, QAU Wasif Razzaq, NUST Haroon Shahzada, AIR		19	



	gement (Hall 2)	Nosheen 2:00 pm - 4:00 pm Mr. Abdul Qader Shah Ms. Zartashia Mr. Mehmood Ahmed Qureshi		Taufeeq, NUST <b>Naheema Naz, QAU</b> Yashal Khan, NUST Malaika Khatoon, COMSATS Adil Ahmed Siddiqui, COMSATS Shayan Mazhar, COMSATS M. Abuzar Akhonzada, COMSATS Syed Omer Ali Ghani, QAU	Arhum Ahmed, AIR Azisha, RWU Maham Waseem, RWU Misbah Aftab, RWU	
8	Publi city of Dataf est / Rank ing of Stalls			All Data Fest Ambassadors and Volunteers		255





#### 4.4 Transport management

Pakistan Bureau of Statistics (PBS) managed transportation for students over three days, successfully picking up nearly 300 students from various universities for the orientation held at the Pak-China Centre on 20<sup>th</sup> October, 2024. Additionally, PBS facilitated transport for 392 volunteers and 282 visitors from different universities to attend the Data Festival on both days of event. This comprehensive logistical support ensured that all participants had access to valuable learning opportunities and could engage fully in the event (**Annex - L**).

## 5. POST EVENT

### 5.1 Certificate and Shield Distribution

As the collaboration and support from academia significantly contributed to the success of the Data Festival, it was imperative to recognize the invaluable contributions of the faculty and students from prestigious universities. In light of this, Shields were bestowed upon Rectors, Vice Chancellors, Heads of Departments and focal persons symbolizing their dedication and hard work in ensuring the triumph of the event.

Similarly, all students who actively participated in the organization of the event, such as the Data Fest Ambassadors and Volunteers, were recognized and appreciated for their valuable contributions by being presented with certificates. These certificates served as a token of appreciation for their dedication, hard work, and commitment towards making the event a resounding success. For instance, the Data Fest Ambassadors played a crucial role in promoting the event across various platforms and engaging with a wider audience to generate interest and excitement. On the other hand, the Volunteers worked tirelessly behind the scenes to ensure smooth logistics, coordination, and overall execution of the event. Their efforts did not go unnoticed as they were acknowledged and rewarded for their invaluable support. This recognition not only reinforced their sense of accomplishment but also motivated them to continue being actively involved in such initiatives in the future **(Annex – M)**.



### 5.2 Social Media followers

During the Data Fest, a significant number of students, including Ambassadors, volunteers and visitors, actively engage in posting their experiences and activities on various social media



platforms. This enthusiastic participation not only showcased the vibrant atmosphere of the event but also played a crucial role in enhancing PBS's visibility and recognition among the younger demographic. Students shared photos of engaging workshops, insightful discussions, or networking opportunities, highlighting the value they derived from their participation. Moreover, these social media posts serve as powerful testimonials, attracting more youth and students to future PBS events and initiatives. By leveraging the digital space effectively, PBS can effectively connect with its target audience and foster a community of passionate supporters and advocates.



**DataFest 2024**

"Grateful for the opportunity to learn from top experts in data and policy at Data Fest 2024. Exciting times ahead for the future of development and statistics!"

#DataForDevelopment #PakPBS  
#KnowledgeSharing #Data Fest

PAKISTAN BUREAU OF STATISTICS  
Government of Pakistan

@pbsofficialpak

## 6. LESSONS LEARNT / TAKE AWAYS FOR NEXT DATA FEST

- **Need of creation of different color badges**

There is need to create Color Badges for different Categories of participants. This would be helpful in

1. Easy identification of roles
2. Enhanced security and access control
3. Visual differentiation for networking
4. Simplified communication among attendees
5. Professional event image

The categorization may be as under:

1. Volunteers: Green
2. Guests: Blue
3. Project Participants: Yellow
4. Organizers: Red
5. Speakers/Judges: Purple
6. Sponsors: Gold

By implementing a colour coded badge system will improve organizational communication and visual identity

- **Deadline for Submission of Proposals and Volunteers Registration**

There should be a certain deadline for submission of faculty participation proposals and volunteers registration so there must be enough time for further necessary arrangements and preparations and the things could be sorted timely to avoid any possible issues.

- **Number of Orientation / Training Sessions must be increased for Volunteers.**

Increase volunteer training sessions to ensure smooth handling of tasks and unexpected challenge

- **Reception Desk and online Registration for Volunteers**

There should be proper reception desk for volunteer management as marking the check in and check out of volunteers is a hectic task.

- **Category of duty of volunteer to be mentioned at the back of shirt**

- **Content should be shorter as nobody is interested in detailed content.**

## 7. COMMENTS ABOUT DATA FEST

Message of Thanks sent to all volunteers through WhatsApp groups:

A heartfelt thank you for your incredible efforts and dedication. Your participation has truly made this event a success. We deeply appreciate your hard work, enthusiasm, and commitment throughout.

Thank you once again for your valuable contributions!

Comments of guests / observers about Data Fest 2024: **Dear**

**team PBS,**

Congratulations on organizing a truly outstanding and successful Data Fest! The event was an exceptional experience for all participants. We would also like to appreciate your support in providing transport for our student volunteers and offering them the invaluable opportunity to be part of such an enriching event. Your efforts are deeply valued, and we look forward to continued collaborations in the future.

Regards,

**Dr Sundus**  
Assistant professor  
NUST CoE&ME

Grateful to have volunteered at Datafest! Thank you, Pakistan Bureau of Statistics, for a successful and enlightening event.

**RWU Volunteer**

Congratulations to the PBS-team for organising a successful data fest event.  
May Allah SWT bless all of you, IA.

Dr Abdul Haq  
HoD Statistics QaU

Many Congratulations to PBS for successfully organizing the first Data fest. The hard work and dedication reflected throughout the event.

Dr. Maryam Asim  
QaU

I want to express my gratitude to PBS for their support during Datafest. Their commitment to sharing knowledge and resources made this event a success. Thank you for believing in the power of data and for fostering a collaborative environment. Your efforts are truly appreciated!

Arid Volunteer

I would like to extend my deepest gratitude to the entire team at the Pakistan Bureau of Statistics for placing their trust in me and giving me the incredible opportunity to volunteer at such a prestigious event as Datafest 2024. Your confidence in my abilities has not only been a great honor but also a source of immense personal and professional growth. This experience has inspired me to further contribute to the field of statistics and work towards advancing the data landscape in Pakistan. I am proud to have been part of an event that truly embodies the spirit of innovation and excellence. Thank you for your belief and support (PBS)!

#Statistician  
#Dataanalyst



Congratulations for conducting a very successful event. I couldn't join bcoz of Ammi's health but sent my students n colleagues. Every one has given me v positive remarks about it. I missed it

Dr. Zunera Jalil Air University

Alhumdullilah for position

I wanted to extend my heartfelt thanks for inviting me to datafest It was a pleasure to be included, and I truly appreciate the opportunity to be part of such a wonderful event

Muhammad Haris, Lecturer, Air University, Kamra

Team PBS hat's off for your dedication n hard work to create a success story to break the ice .....you all deserve heartiest congratulations. looking forward for same in future.

Dr Saima Asad

Assistant Professor  
Department of Economics  
PMAS-AAUR

A heartfelt congratulations to PBS for the remarkable success in hosting their inaugural Data Fest! The event was a testament to their dedication and meticulous planning. The passion and commitment of the team truly shone through every session, setting a new benchmark for future events in data science. Looking forward to many more groundbreaking initiatives!

Dr. Faridoon Khan

Assistant Professor (Data Science)  
Air University, Islamabad.

## 8. TIMELINES FOR NEXT DATA FEST

Sr. No.	Task	Start Date	Completion Deadline
1.	Finalization of necessary content	6 months before event	
2.	Finalization of priority wise list of universities	4 months before	
3.	Taking onboard Provincial Incharges for participation of Provincial Institutes	4 months before	
4.	Sending letters to HEC, Federal board and Federal Directorate of Education	4 months before	
5.	Sending letters to institutes	4 months before	
6.	Establishment of Focal Persons from universities	3 months before	
7.	Meetings with universities	3 months before	
8.	Seminars at Universities	2 months before	
9.	Registration of Volunteers	2 months before	
10.	Proposals from universities	2 months before	
11.	Scrutiny of Proposals	1 month before	
12.	Call for presentation from shortlisted workshops	1 month before	
13.	Sessions / Workshops for Volunteers	15 days before	
14.	Whats app groups and allocation of duties to Volunteers	15 days before	
15.	Finalization of list of Volunteers	15 days before	
16.	Finalization of list of Guests of honour / attendees	15 days before	
17.	Sending invites to guests	15 days before	

**Data Fest Concept Note**

**Annex - A**



A Concept Note for

# DATA-FEST 2024



**Pak-China Friendship  
Centre, Islamabad,  
Pakistan**

**Date: 21<sup>st</sup> – 22<sup>nd</sup> October**

**By: Pakistan Bureau of Statistics (PBS)**

## 1. Background

The National Data Fest is a key event for sharing knowledge, developing skills, fostering innovation, and encouraging collaboration in the field of data. As data becomes more crucial in our lives, this fest highlights its importance. It's a place for professionals, researchers, and enthusiasts to come together, celebrate, and innovate. Beyond just skills and technology, the fest aims to build connections, boost economic growth, and push our nation towards data-driven progress.

Data-fest 2024 is more than just an event; it's a celebration of how data can drive decision-making, spark creativity, and lead us to a future of knowledge and collaboration. This festival focuses on the vital role of data in improving life and starts a series of projects aimed at using data for societal good.

## 2. PBS Introduction

The Pakistan Bureau of Statistics (PBS) is the prime national agency mandated to collect, compile, and disseminate statistical data essential for informed decision-making, policy formulation, and national planning. As the key institution responsible for conducting comprehensive censuses and surveys, PBS recently completed the country's first-ever digital census, marking a significant milestone in data collection innovation. Currently, PBS is preparing to conduct the Agriculture Census, a crucial step in understanding and improving the agricultural sector.

In addition to these major activities, PBS regularly conducts a variety of other surveys, including the Labor Force Survey (LFS), Household Integrated Economic Survey (HIES), and Pakistan Demographic Survey (PDS). The organization is also mandated to the formulation of GDP and national accounts, ensuring that economic planning is based on robust data. Moreover, PBS plays a pivotal role in monitoring six Sustainable Development Goal (SDG) indicators, underscoring its commitment to contributing to global development objectives through accurate and comprehensive statistical analysis.

## 3. The Digital Paradigm Shift

PBS is transforming how data is accessed and used, in line with global digital trends. PBS is creating interactive dashboards and customized tools to give policymakers, researchers, and stakeholders timely insights. This helps with effective governance and socio-economic development.

PBS has developed the "Decision Support System for Inflation," approved by the Prime Minister, for price control decisions. During the COVID-19 pandemic, PBS's heat maps and line listings helped manage smart lockdowns. PBS is also working on decision support systems for education, health, housing, and more, using GIS technology and advanced data analysis.

## 4. National Strategy for Statistical System Development

Although there is a lot of data available, limited awareness and technical expertise among users prevent its optimal use. PBS aims to address these gaps with initiatives like Data-fest 2024, promoting data literacy and encouraging data-driven decision-making. This will make the National Statistical System more accessible and inclusive.

## 5. Event Details

The Pakistan Bureau of Statistics (PBS) is excited to present the inaugural Data Fest-2024, a pioneering three-day event at the Pak-China Friendship Centre in Islamabad from October 20-22, 2024. This first-of-its-kind festival in Pakistan aims to promote statistical literacy and raise awareness about data's crucial role. Open to a diverse audience, including government officials, policymakers, students, researchers, and the general public, Data Fest-2024 will demystify data science and demonstrate its practical applications.



## 6. Objectives of Data-fest 2024

Data-fest 2024 aims to:

- **Promote Data Literacy:** Enhance understanding and skills in data science among participants.
- **Directly Engage Data Producers with Data Users:** Facilitate interactions to bridge the gap between data creators and users.
- **Showcase Benefits of Data Integration and Sharing:** Highlight how data amalgamation can generate holistic insights for informed decision-making.
- **Create a Marketplace for Data Exchange:** Foster an environment where data can be traded, accessed, and utilized effectively.
- **Promote Data-Driven Innovation:** Encourage new ideas and solutions through panel discussions featuring thought leaders.
- **Foster Data Literacy and Visualization Skills:** Provide training on data analysis and visualization to empower participants.

## 7. Thematic Areas

Data Fest 2024 activities will be centered around these themes:

- **Data for Life and Equity:** Healthcare access, social equity, education equality, and poverty alleviation
- **Data for Governance and Growth:** Price regulation, social service delivery, law enforcement, and public administration
- **Harnessing Data for Fiscal Resilience:** Revenue generation, expenditure optimization, budget transparency, and financial accountability
- **Climate Change, Adaptation, and Disaster Risk Management:** Climate resilience strategies, disaster preparedness, risk assessment, and mitigation measures
- **Data Integration and Visualization for Development:** Interdisciplinary data integration, visual analytics, data-driven decision-making, and sustainable development goals.

## 7. Proposed Activities

The event will include:

- **Keynote Speeches:** Talks by international and regional experts on the role of data in various sectors.
- **Workshops and Training:** Sessions on diverse data topics, giving participants practical skills.
- **Data Product Exhibitions:** Interactive exhibits of cutting-edge data products and tools.
- **Panel Discussions:** Discussions on critical topics like data for governance, economic growth, climate resilience, and public health.
- **Networking Events:** Opportunities for data enthusiasts and professionals to connect.
- **Specialized Seminars:** Focused sessions on topics like statistics for non-statisticians, data for governance, and more.
- **The Music & Fun Gala:** The third day of data fest will be augmented with Musical Show and Food Stalls Along with Data & Exhibition Stalls for general Public.

## 8. Expected Outcomes

Data-fest 2024 expects to:

- **Increase Data Utilization:** Raise awareness and use of available datasets, leading to better decision-making.
- **Enhance Collaboration:** Strengthen partnerships between government agencies, private sector, academia, and civil society.
- **Drive Innovation:** Introduce new solutions and practices in data analytics and visualization.
- **Build Capacity:** Improve skills in data literacy and analytics among participants.

## 9. Potential Sponsors and Stakeholders

Key stakeholders and sponsors include:

- **Government Agencies:** Ministries of Planning, Finance, Health, Education, etc.
- **Semi Government and Autonomous Bodies:** Regulatory Bodies and Autonomous Institutions like NADRA, SECP, etc.
- **Private Sector:** Corporations, financial institutions, tech firms, data companies, and banks.
- **Academic and Research Institutions:** Universities, think tanks, and research organizations.
- **International Organizations:** UN agencies, international development banks, and foreign embassies.
- **NGOs & Civil Society:** NGOs, CBOs, and advocacy groups focused on data-driven policy.
- **Media Houses:** Media organizations for coverage and visibility.
- **Associations and Unions:** Associations Like APTA, P@SHA etc.

## 10. Sponsorship Tiers:

- **Platinum (10 Million PKR):**
  - Exclusive naming rights, full-page ad, prominent logo placement, speaking slots, VIP passes.
- **Diamond (5 Million PKR):**
  - High-visibility logo placement, half-page ad, prominent booth space, VIP passes.
- **Gold (2.5 Million PKR):**
  - Logo placement, quarter-page ad, exhibition space.
- **Silver (1 Million PKR):**
  - Logo placement, mention in program, exhibition space.
- **Bronze (0.5 Million PKR):**
  - Logo placement, mention in program.

### Additional Sponsorships:

- **Session Sponsor:** Naming rights, speaking opportunity, logo placement.
- **Workshop Sponsor:** Naming rights, logo placement, opportunity to deliver workshop remarks.

## 11. Media Coverage

### Pre-Event Coverage (2-3 Months before):

- Press Release
- Social Media Teasers
- Blog Posts and Articles on PBS website and social media

### During the Event:

- Live Social Media Coverage
- Interviews with keynote speakers, organizers, and participants
- Live Streaming

### Post-Event Coverage:

- Event Recap Blog Post: Summary of highlights
- Press Coverage and Media Thank-You: Sharing media coverage links and thanking media outlets
- Participant Recommendations: Sharing feedback and experiences on PBS website and social media



## Data Fest Themes

## Annex - B



The Pakistan Bureau of Statistics (PBS) is set to host a significant event, focusing on five pivotal themes that span a wide array of critical issues. These themes include Data for Life and Equity, Data for Governance and Growth, Harnessing Data for Fiscal Resilience, Climate Change Adaptation, and Disaster Risk Management, and Data Integration and Visualization for Development. Through this event, PBS aims to highlight the transformative potential of digital innovation while prioritizing data integrity and transparency. Emphasizing capacity building and collaborative efforts, the event seeks to leverage statistical insights for informed decision-making and national progress. PBS's initiative underscores its dedication to advancing data-driven solutions that tackle contemporary challenges, ultimately striving towards a more equitable and prosperous future for Pakistan.



### Data for Life and Equity

Healthcare access, social equity, education equality, women, children and poverty alleviation

"Data for Life and Equity" in the context of healthcare access, social equity, education equality, women, children, and poverty alleviation involves:

- **Healthcare Access:** Using data to ensure that women and children have equitable access to healthcare services, including maternal care, vaccinations, and treatments for diseases affecting children.
- **Social Equity:** Employing data to address disparities in access to resources and opportunities, focusing on marginalized groups such as women and children from low-income backgrounds.
- **Education Equality:** Leveraging data to enhance educational opportunities for women and children, including access to quality schools, teacher training, and resources that support their academic success.
- **Women and Children:** Using data to develop targeted interventions that address specific challenges faced by women and children, such as gender-based violence, nutritional deficiencies, and lack of access to education.
- **Poverty Alleviation:** Harnessing data to implement effective poverty reduction strategies that benefit women and children, including economic empowerment programs, social safety nets, and community development initiatives.





## Data for Governance and Growth

Price regulation, social service delivery, law enforcement, and public administration

"Data for Governance and Growth" refers to the use of data to enhance efficiency, transparency, and effectiveness in various governmental functions. Here's a brief explanation of how data can be applied in the areas of price regulation, social service delivery, law enforcement, and public administration:

- **Price Regulation:** Data analytics can help monitor market trends, track pricing behaviors, and identify instances of price manipulation or unfair practices. This enables regulatory bodies to make informed decisions on setting fair prices and ensuring market stability.
- **Social Service Delivery:** Data-driven insights can improve the targeting and delivery of social services such as healthcare, education, welfare benefits, and housing assistance. By analyzing demographic data and service usage patterns, governments can better allocate resources and tailor programs to meet the needs of specific communities.
- **Law Enforcement:** Utilizing data for predictive policing, crime mapping, and analyzing crime trends can enhance law enforcement strategies. This includes deploying resources more effectively, identifying high-crime areas, and improving response times to incidents.
- **Public Administration:** Data can streamline administrative processes, optimize resource allocation, and improve decision-making within government agencies. It facilitates performance monitoring, policy evaluation, and public service planning based on evidence and outcomes.



## Harnessing Data for Fiscal Resilience

Revenue generation, expenditure optimization, budget transparency, and financial accountability

"Harnessing Data for Fiscal Resilience" involves leveraging data to strengthen financial stability and efficiency across various aspects of public finance. Here's a brief explanation of how data can be applied in the areas of revenue generation, expenditure optimization, budget transparency, and financial accountability:

- **Revenue Generation:** Revenue generation through data analytics empowers governments to optimize tax policies, improve compliance, and identify opportunities for sustainable revenue growth. By leveraging data-driven insights, governments can achieve fiscal sustainability while minimizing the burden on taxpayers and fostering economic growth.
- **Expenditure Optimization:** Data-driven insights enable governments to prioritize spending on essential services and infrastructure projects. By analyzing expenditure patterns and performance metrics, governments can allocate resources more efficiently, ensuring funds are used effectively to achieve desired outcomes.
- **Budget Transparency:** Utilizing data for budget transparency involves making financial information easily accessible to the public. This fosters trust and accountability by allowing citizens and stakeholders to monitor how public funds are allocated and spent.
- **Financial Accountability:** Data plays a crucial role in monitoring financial transactions, detecting fraud or mismanagement, and holding government officials accountable for budgetary decisions. It supports audits, evaluations, and compliance with fiscal regulations.



### Climate Change, Adaptation, and Disaster Risk Management

Climate resilience strategies, disaster preparedness, risk assessment, and mitigation measures.

"Climate Change, Adaptation, and Disaster Risk Management" encompass strategies and measures to mitigate the impact of climate change and enhance resilience to natural disasters. Here's a brief explanation of each component:

- **Climate Resilience Strategies:** These strategies focus on building resilience in communities, infrastructure, and ecosystems to withstand the impacts of climate change. This includes measures like improving promoting green infrastructure, and implementing sustainable land use practices.
- **Disaster Preparedness:** This involves planning and readiness measures to respond effectively to disasters triggered by climate events. It includes early warning systems, evacuation plans, and stockpiling emergency supplies to minimize loss of life and property damage.
- **Risk Assessment:** This process involves identifying and evaluating potential hazards, vulnerabilities, and risks associated with climate change impacts and natural disasters. It helps prioritize actions and allocate resources effectively to reduce risks.
- **Mitigation Measures:** These are actions taken to reduce the severity and impact of climate-related disasters. Examples include flood barriers, forest management to reduce wildfire risks, and coastal defenses against sea-level rise.





### Data Integration and Visualization for Development

Interdisciplinary data integration, visual analytics, data-driven decision-making, and sustainable development goals.

"Data Integration and Visualization for Development" involves combining diverse datasets, employing visual analytics, and leveraging data-driven decision-making to achieve Sustainable Development Goals (SDGs). Here's a brief explanation of each component:

- **Interdisciplinary Data Integration:** This process involves merging data from various disciplines and sources to create comprehensive datasets. By integrating social, economic, environmental, and demographic data, policymakers gain a holistic understanding of development challenges and opportunities.
- **Visual Analytics:** Visual analytics uses data visualization techniques to interpret complex datasets and communicate insights effectively. Interactive charts, graphs, and maps help stakeholders identify trends, patterns, and correlations, facilitating informed decision-making.
- **Data-Driven Decision-Making:** Decision-making based on data analysis enhances efficiency and effectiveness in achieving development goals. By using insights from integrated data, policymakers can prioritize interventions, allocate resources efficiently, and monitor progress towards SDGs.
- **Sustainable Development Goals (SDGs):** Data integration and visualization support efforts to achieve SDGs by providing evidence-based strategies and monitoring progress. It enables governments, organizations, and communities to track indicators, measure impact, and adjust policies to ensure sustainable development across economic, social, and environmental dimensions.

## Students Proforma

## Annex - C



### Response Record Proforma for Students

Dear Participant,

Thank you for considering participation in Data-fest. In order to tailor the event to meet the stakeholders needs and maximize its value, PBS kindly request you to fill out the following form. Your input will help us to understand how you can contribute to and benefit from Data-fest.

#### 1. Contact Information:

Student Name: \_\_\_\_\_  
Area/Level of Study: \_\_\_\_\_  
University Name: \_\_\_\_\_  
Email Address: \_\_\_\_\_  
Phone/WhatsApp No: \_\_\_\_\_

#### 2. Participation Opportunities for Students:

a. Choose the format in which you will conduct your participation.

- |                                               |                                                        |
|-----------------------------------------------|--------------------------------------------------------|
| <input type="checkbox"/> Volunteering         | <input type="checkbox"/> Access to Data                |
| <input type="checkbox"/> Connections Building | <input type="checkbox"/> Quiz Competition              |
| <input type="checkbox"/> Career Development   | <input type="checkbox"/> Other (Please specify): _____ |
| <input type="checkbox"/> Networking           |                                                        |

#### 3. Data-Fest Themes for Quiz Preparation:

- |                                                                             |                                                                |
|-----------------------------------------------------------------------------|----------------------------------------------------------------|
| <input type="checkbox"/> Data for Life and Equity                           | <input type="checkbox"/> Harnessing Data for Fiscal Resilience |
| <input type="checkbox"/> Data for Governance and Growth                     | <input type="checkbox"/> Climate Change, Adaptation, and       |
| <input type="checkbox"/> Data Integration and Visualization for Development | Disaster Risk Management                                       |

Thank you for your valuable input and participation. PBS look forward to collaborate with you at Data-fest!

## Faculty Proforma

## Annex - D



### Response Record Proforma for Faculty Members

Dear Sir/Madam,

Thank you for considering participation in Data-fest. In order to tailor the event to meet the stakeholders needs and maximize its value, PBS kindly request you to fill out the following form. Your input will help us to understand how you can contribute to and benefit from Data-fest.

#### 1. Contact Information:

Organization Name: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Title/Position: \_\_\_\_\_  
 Email Address: \_\_\_\_\_  
 Phone/WhatsApp No: \_\_\_\_\_  
 Website: \_\_\_\_\_

#### 2. Participation Format for Faculty members:

How would you like to participate in the Data-fest? (Select the Relevant)

- |                                                            |                                                         |
|------------------------------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Keynote Presentation (30 minutes) | <input type="checkbox"/> Data Storytelling (30 minutes) |
| <input type="checkbox"/> Workshop/Tutorial (60 minutes)    | <input type="checkbox"/> Panel Discussion (60 minutes)  |
| <input type="checkbox"/> Poster Presentation (30 minutes)  | <input type="checkbox"/> Exhibition(ongoing)            |
| <input type="checkbox"/> Conduct a Workshop (60 minutes)   | <input type="checkbox"/> Other (Please specify): _____  |

#### 3. Proposal Title (If you are presenting or conducting any of the above mentioned activity, please provide the title of your proposal)

\_\_\_\_\_

#### 4. Proposal Description (Provide the main description of your proposal as it relates to the selected topic up to (500 characters):



**5. Relevance to Data-fest Themes:**

Select the thematic area(s) your proposal addresses (Select all that apply)

- ☐ Data for Life and Equity ☐ Harnessing Data for Fiscal Resilience  
☐ Data for Governance and Growth ☐ Climate Change, Adaptation, and  
☐ Data Integration and Visualization for Development ☐ Disaster Risk Management

**6. Expected Contribution:**

a. What specific benefits do you hope to gain from participating in Data-fest?

- ☐ Promote data Literacy ☐ Collaboration Opportunities  
☐ Networking Opportunities ☐ Foster Innovation  
☐ Support Education and Research ☐ Other (Please specify):

b. Describe the key message or expected outcome of your participation up to (500 characters):

**7. Speaker's Information:**

If applicable, list the speakers involved in your session:

Full Name	Role (Moderator/Speaker)	Email

**8. Additional Information:**

Please provide any additional comments or suggestions on how we can enhance the value of Data-fest

**Thank you for your valuable input and participation. PBS look forward to collaborate with you at Data-fest!**



## Invitation Letter

Annex - E



Government of Pakistan  
Ministry of Planning, Development and Special Initiatives  
**Pakistan Bureau of Statistics**  
21-Mauve Area, G-9/1  
\*\*\*



**Member (Support Services/RM)**  
Phone No: 051-9106652  
Fax No: 051-9106518

**No. PBS.DATAFEST(02)/2024-**

**Islamabad, the 5<sup>th</sup> August, 2024**

**Subject: - INVITATION TO PARTICIPATE IN DATA-FEST: UNLEASHING THE POWER OF DATA FOR DEVELOPMENT**

Pakistan Bureau of Statistics has recently successfully completed the 7<sup>th</sup> Population & Housing Census, the country's first-ever Digital Census. This crucial national exercise provides vital demographic information and collects data on various socioeconomic factors, such as **education, employment, disability, migration, living standards, WASH** (Water, Sanitation, and Hygiene), and other basic facilities from every household across the country. The Digital Census, **the largest digitization effort in South Asia**, involved **geo-tagging residential, commercial, and industrial structures and listing all economic activities**. This data will serve as a framework for the upcoming Economic Census. The information obtained from the Digital Census-2023, along with other data accessible through the PBS, will be invaluable for government ministries, departments, researchers, and academia.

2. Moreover, aligning with the "Digital Transformation," PBS has transitioned to interactive customized dashboards for data dissemination, providing real-time data and time series with infographics to support policy decisions. During **COVID-19**, PBS's heat maps and block-level population concentration data from the 2017 census, along with housing indicators, were instrumental in implementing targeted / smart lockdown. PBS is now developing similar Decision Support Systems for various sectors. These systems integrate census data with PBS surveys and ministry data, augmented with GIS to create informative heat maps and employ machine learning for trend analysis, facilitating proactive decision-making across ministries.

3. I am excited to introduce an opportunity for your organization to participate in our upcoming event, **Data-fest: Unleashing the Power of "Data for Development."** This initiative aims to bring together data producers and users from various sectors to foster innovation, collaboration, and data-driven decision-making, leading to the formation of a comprehensive National Statistical System. The objectives of Data-fest are multifaceted, aiming to engage data producers with users, facilitate interactions for leveraging data impact, showcase benefits of data integration, create a marketplace for data exchange, promote data-driven innovation, foster data literacy and visualization skills, offer hands-on workshops, showcase data products, services, and innovations, build connections with stakeholders, explore collaborative opportunities, and highlight PBS innovations for governance and policy making.

4. The event will be enriched by university involvement, promoting a lively exchange of ideas. Students participating individually or in teams will gain hands-on learning experiences. Students volunteers will assist with event organization. PBS seeks esteemed universities as partners for the Data Festival. Your organization is invited to discuss partnership details. A concept note, introductory booklet, and proforma are enclosed for Data-fest 2024. Please review these materials thoroughly and complete the attached proforma, indicating your preferences and how you envision contributing to and benefiting from this transformative event. Kindly return the filled proforma to us by 10<sup>th</sup>, August 2024 to facilitate planning and coordination. Your input is crucial for tailoring the event to meet the needs and aspirations of all stakeholders. In this connection, **Ms. Aysha Sajid, Instructor, Contact No. 051-9106650** is nominated as focal person from PBS. Attached material also available on following link: <https://www.pbs.gov.pk/pbs-datafest-2024>

5. PBS believes that your participation will greatly enhance the value of Data-fest and provide you with significant benefits, including increased visibility, networking opportunities, research opportunities and insights into cutting-edge data practices. For any questions or further information, please don't hesitate to contact our Data-fest secretariat at PBS Headquarters.

Phone: 051-9106503  
Email: [datafest@pbs.gov.pk](mailto:datafest@pbs.gov.pk) & [datafest.pbs@gmail.com](mailto:datafest.pbs@gmail.com)

With profound regards,

  
(Muhammad Sarwar Gondal)

**Dr.Syed Waqas Ali Kausar**  
Assistant Professor  
National University of Modern Languages  
H-9 Islamabad ,Pakistan

## Email from HEC to all Universities to participate in Data Fest

ANNEX - F

**The Registrars, All HEIs.**

Dear Sir/Madam, Greetings from HEC!

Pakistan Bureau of Statistics (PBS) is organizing a Data Fest on **October 18-20, 2024, at Pak China Friendship Centre, Shakarparian, Islamabad**, centered around the theme **“Unleashing the Power of Data for Development”**.

The PBS Data Fest 2024 aims to bring together data producers and users to foster innovation, collaboration, and data-driven decision-making. The key objectives include engaging data producers and users, showcasing data integration benefits, creating a marketplace for data exchange, offering hands-on workshops, and building connections.

Foregoing in view, all HEIs are encouraged to participate in the said event. Detailed material including the **proformas for participation of faculty/students** are attached herewith for your kind review. The completed proformas may kindly be returned by **September 09, 2024 (Monday)**, to PBS at **datafest@pbs.gov.pk** to indicate preferences and potential contributions.

For further details or inquiries, please contact **Ms. Ayesha Sajid, Instructor PBS, at 051-9106650**.

Looking forward to your kind cooperation in this regard.

Regards

Rabia Naz  
Coordination Division  
Higher Education Commission | H-9, Islamabad

## Panelist List

## Annex - G

S.#	Theme	Topic	Person Name	Organization	Contact no.
1.	<b>Data Integration and Visualization for Development</b>	<b>Bridging Data Gaps: Inclusive Data Systems for Effective Policy Making</b>	<b>Dr. Imran Akhtar</b>	NUST	<b>0300-9564253</b>
2.	<b>Data for Life &amp; Equity</b>	<b>Closing Education Gaps on Access and Learning</b>	<b>Dr. Masood Raza</b>	NUST	<b>03238554555</b>
3.	Data for Governance and Growth; Data Integration and Visualization for Development; Climate Change, Adaptation, Disaster Risk Management	Data Portal on Climate Change, Adaptation, Disaster Risk Management: Enhancing Collaboration between Researchers and Government Institutes	Dr. Naila Nazir Dr. Zeeshan	University of Peshawar (Department of Economics)	03369511383
4	Data for Life and Equity; Data for Governance and Growth; Data Integration and Visualization for Development	Empowering Decision-Making Through Data Visualization and Analysis	Dr. Mehrosh Khalid	International Islamic University, Islamabad (Department of Bioinformatics)	03191555653
5	Data for Life and Equity	The Role of Official Data in Teaching and Research	Prof. Dr. Saleha Naghmi Habibullah, Mr. Sajid Rasul, Dr. Tahir Mehmood, Dr. Kalsoom Akhtar Chaudhry, Ms. Saadia Farooq	Kinnaird College for Women, Lahore.	0322-4156961
6	Data for Governance and Growth; Data Integration and Visualization for Development; Climate Change, Adaptation, Disaster Risk Management	Climate Change and Gilgit-Baltistan	Dr. Muhammad Raza	Department of Physics Karakoram International University	0342 2188339
7	Data for Life and Equity	AI and the importance of data on social media.	Dr. Muhammad sajid khan	Mohi-ud-din Islamic University, Nerian AJK	0300-9181119
8	Data for Governance and Growth; Data Integration and Visualization for Development; Climate Change, Adaptation, Disaster Risk Management	Climate change adaptation and disaster risk management	Dr. Tanveer Fatima Miano	Sindh Agriculture University, Tando Jam.	0336-3304627



## Workshop Proforma

## Annex - H

S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
1	Empowering Decision-Making Through Data Visualization and Analysis	1 hour	Dr. Mehrosh Khalid	International Islamic University, Islamabad (Department of Bioinformatics)	0319-1555653		<input checked="" type="checkbox"/>	
2	Basic Programming Skills in Python	1 hour	Dr. Ayesha Nazuk	National University of Sciences and Technology	0331-5236-973			<input checked="" type="checkbox"/>
3	Estimating Food Security Indicators with Household Integrated Economic Survey (HIES)	1 hour	Dr Verda Salman	National University of Sciences and Technology	0333-6144702		<input checked="" type="checkbox"/>	
4	Integrated Approaches to Data Analytics and Visualization: Leveraging Power BI for	1 hour	<ul style="list-style-type: none"> <li>• Dr. Sundus Younis</li> <li>• Dr. Yasir Ahmed</li> <li>• Dr. Imran Akhtar</li> </ul>	National University of Sciences and Technology	0300-9544399		<input checked="" type="checkbox"/>	

S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
	Strategic Business Insights and decision making”.							
5	Mastering Data Visualization Techniques with SPSS	1 hour	<ul style="list-style-type: none"> <li>• Dr. Musarat Ijaz</li> <li>• Dr. Gulam Narjis</li> </ul>	Rawalpindi Women University, Islamabad	0336-9144686, 0345-5913640			<input checked="" type="checkbox"/>
6	Tidyverse (in R)	1 hour	Prof. Dr. Saleha Naghmi Habibullah and Dr. Naila Alam	Kinnaird College for Women, Lahore.	0322-4156961		<input checked="" type="checkbox"/>	
7	Python with Jupyter Notebook	1 hour	Ms. Hina Maryam	Kinnaird College for Women, Lahore.	0322-4156961		<input checked="" type="checkbox"/>	
8	Transforming Data Management: Practical Approaches to Data Fabric and Data Mesh "Integrating Big Data and Intelligent	2 hour	Prof. Dr. Muhammad Ali Ismail Mr. Uzair Abid	NED University of Engineering and Technology, Karachi	0300-2255856	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
	Sensing for Climate Change Mitigation - A practical approach.							
9	Conduct a workshop on Data analysis software's (R, SPSS)	1 hour	Muhammad Ibrahim Shariq Ur Rehman	Khyber Medical University	0333-9669224		<input checked="" type="checkbox"/>	
10	Power BI Essentials: Interactive Workshop for Data Visualization	1 hour	Bahrawar Said, MS Fatima Sultana	University of Wah	0346-8125058		<input checked="" type="checkbox"/>	
11	Spherical Fuzzy Mathematical Modelling for Enhanced Decision Support: Integrating and	1 hour	Dr. Tehreem	Air University, Islamabad	0315-5294192			<input checked="" type="checkbox"/>



S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
	Visualizing Data for Development							
12	E/Digital Governance methods that can be used by NGOs/INGOs to track their online disclosure practices	1 hour	Dr. Ayesha Nazuk	National University of Sciences and Technology	0331-5236-973			<input checked="" type="checkbox"/>
13	Impact of Climate Change on Capsicum Disease Detection	1 hour	Dr. Amber Sarwar	Rawalpindi Women University, Islamabad	0334-4442251, 0305-4442251			<input checked="" type="checkbox"/>
14	Using Predictive Technologies: The Role of Monsoon Forecasting in Disaster Risk Management	1 hour	Dr. Maryam Mahsal Khan	CECOS University of IT and Emerging Sciences	0333-9379320			<input checked="" type="checkbox"/>

S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
15	Localized Mobile Health Application: Fully Automated AI Diagnostic for Sustainable Pakistan.	1 hour	Dr. Maryam Mahsal Khan	CECOS University of IT and Emerging Sciences	0333-9379321			<input checked="" type="checkbox"/>
16	Structural based drug designing through AI based from Natural resource	1 hour	Dr. Syed Rizwan Abbas	Karakorum International University	0344-4244544			<input checked="" type="checkbox"/>
17	Climate Change and Gilgit-Baltistan	1 hour	Dr. Muhammad Raza	Department of Physics Karakoram International University	0342-2188339			<input checked="" type="checkbox"/>
18	Remote Sensing Spatial Observations using MODIS data products for drought and land surface	1 hour	PROF. DR. JAHANGIR KHAN	SARHAD UNIVERSITY OF SCIENCE AND IT	0313-5754578			<input checked="" type="checkbox"/>

S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
	temperature over the crop land of Punjab - Pakistan							
19	Poster Presentation	1 hour	Ms. Ponum	Department of Physics Karakoram International University	0312-5334463	<input checked="" type="checkbox"/>		
20	AI and the importance of data on social media.	1 hour	Dr.Muhammad sajid khan	Mohi-ud-din Islamic University, Nerian AJK	0300-918111-9	<input checked="" type="checkbox"/>		
21	Poster Presentation	1 hour	Dr. Noor ul Amin	Karakorum International University	0355-4222235	<input checked="" type="checkbox"/>		
22	Poster Presentation	1 hour	Dr.sobia	Government Associate college for women Dhoke kala khan Rawalpindi	0311-5436760	<input checked="" type="checkbox"/>		

S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
23	Fall Detection for Elderly Persons	1 hour	Dr. Nayyer Masood	Capital University of Science and Technology	0343-8762023	<input checked="" type="checkbox"/>		
24	Poster Presentation	1 hour	Dr. Wajid Ali	Karakorum International University	0346-2479182	<input checked="" type="checkbox"/>		
25	Poster Presentation	30 min	Students of Kinnaird with HOD	Kinnaird College for Women, Lahore.	0322-4156961	<input checked="" type="checkbox"/>		
26	Web Application/Geo LAND Analyzer	1 hour	Prof. Dr NAEEM Ahmed Qureshi Abdul Majid Memon, Chandarwati Rathore	University of Sindh	0333-7119801	<input checked="" type="checkbox"/>		
27	Social Impact of Machine Learning and Applications	1 hour	MEHRUN-NISA	National University of Modern Languages,	0332-5354537			<input checked="" type="checkbox"/>



S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
				Islamabad Campus				
28	Healthcare and Generative AI: Transforming the Future	1 hour	Amna Sajid	National University of Modern Languages, Islamabad Campus	0335-9053207			<input checked="" type="checkbox"/>
29	Data Wrangling: The Foundation of Data-Driven Decision Making	1 hour	Dr. Muhammad Aslam	Bahauddin Zakariya University	0300-9550007			<input checked="" type="checkbox"/>
30	Longitudinal Data from Public Sector Organizations and Bureaucracy: Trends, Insights and Challenges.	1 hour	Dr. Abiha Zahra	Department of Governance & Global Studies, Information Technology University	03314576586			<input checked="" type="checkbox"/>
31	Exploring the Performance of various Machine Learning Algorithms on Diverse Datasets for Predictive Analysis	1 hour	Dr. Muhammad Habib	PMAS Arid Agriculture University, Rawalpindi	+923349106444			<input checked="" type="checkbox"/>

S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
32	New Analytics as a service	1 hour	Dr. Muhammad Arshad Islam	FAST, National University of Computer and emerging sciences	03335046468			<input checked="" type="checkbox"/>
33	Data Storytelling	1 hour	Dr. Sharoon Hanook	Forman Christian College Lahore	0333-1211262			<input checked="" type="checkbox"/>
34	Data and People: Building Trust in the Age of AI	1 hour	Zahid Asghar	Quaid-i-Azam University, Islamabad	03009121940			<input checked="" type="checkbox"/>
35	Analyzing temporal patterns in media coverage and the effects of political rallies on election.	30 min	Syed Wajdan Zeerak	Air University	0306 5197743			<input checked="" type="checkbox"/>
36	DECODING THE SYMPHONY OF CRIMINALS RECORDS	1 hour	Abid Hussain	Air University	0305-5458515	<input checked="" type="checkbox"/>		
37	Students stress level prediction	30 min	Sir Danish Hmid	Air University	03175532421			<input checked="" type="checkbox"/>
38	Data visualization	1 hour	Dr. Tanweer ul Islam	National University of Sciences and Technology	0300-9544399		<input checked="" type="checkbox"/>	

S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
39	Ride wars a data driven cost analysis of yango VS Indrive	1 hour	Khadija Sardar	Air University	03369334124	<input checked="" type="checkbox"/>		
40	Autonomy of students in degree selection	1 hour	Syed Ayan Bin Zubair	Air University	03139053945	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
41	Sentiment analysis on Daraz Reviews	1 hour	Sarah Shabbir	Air University	03235434586	<input checked="" type="checkbox"/>		
42	Integrating various hybrid weighting schemes for improved remote sensing drought indices.	1 hour	Muhammad Hamza	Quaid-i-Azam University, Islamabad	0349-7373973			<input checked="" type="checkbox"/>
43	UNMASKING GEOSPATIAL PATTERNS AND PREDICTIVE INSIGHTS: A SPATIAL ANALYSIS AND MACHINE LEARNING APPROACHES TO HEALTHCARE ACCESS BARRIERS AMONG WOMEN	30 minutes	AfraH Hafeez	Lahore College for Women University	03344227451			<input checked="" type="checkbox"/>

S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
	IN PAKISTAN USING PDHS (2017-18)							
44	Utilizing Secondary Data in Academic Research: Statistics Department, LCWU, Lahore	30 minutes	Dr. Asifa Kamal	Lahore College for Women University	03344227451			<input checked="" type="checkbox"/>
45	High performance computing for data science applications.	30 minutes	Dr. Sohail Khan	Sino-pak center for artificial intelligence (SPCAI)	03115231177			<input checked="" type="checkbox"/>
46	Visualizing socio- economic trends: A deep dive in to Pakistan Census Data.	30 minutes	Syeda Zainish Fatima	Air University	03455049263			<input checked="" type="checkbox"/>
47	Integrated climate resilience: urban heat mitigation, flood risk management and agriculture adaptation	30 minutes	Muhammad Rafay Arshad	Air University	03375103638			<input checked="" type="checkbox"/>
48	CPI Dynamics in Pakistan: A city level analysis of	30 minutes	Syed Wajdan Zeeraq(Team Lead)	Air University	03065197743			<input checked="" type="checkbox"/>



S. #	Topic	Duration	Person Name	Organization	Contact No.	Description		
						Product Demonstration	Visualization	Presentation
	seasonal price trends							
49	Open Data, Open Possibilities: Bridging the Gap Between Public and Private Sectors	30 minutes	Dr Suleman Shahid	LUMS	03008000111			<input checked="" type="checkbox"/>

## Stalls Proformas



## Stalls (NCBC – LUMS)

## Annex-I



# STALL PROFORMA – DATA FEST 2024

1. **Participating Organization/Department/Ministry:** NUST & LUMS Collaboration -NCBC

2. **Type of Stall**

Basic

Medium

Essential

Sponsored

Self Sponsored

3. **Focal Person of the Participating Org/Dep/Ministry:**

Dr. Imran Akhtar

4. **Contact Information of the above Focal Person:**

**Landline:** 05154444300 **Cell:** +92 300 9564253 **Email:** imran.akhtar@ceme.nust.edu.pk

5. **Has the Stall Management Committee contacted the above Focal Person?**

☒ Yes

☐ No

If yes, name & designation of PBS officer who contacted: Ayesha Sajid

(Instructor) PBS is in communication with Dr. Sundus Younis ( NUST).

6. **Was the meeting between Stall Focal Person and HDS organized?**

☐ Yes

☒ No

If no, please provide reasons: Physical meeting didn't take place, but we are in communication via email and phone.

7. **Has the design of the stall and branding been finalized?**

☒ Yes ☒ No

If no, please provide reasons: We are in the process of finalizing our design and branding.

Since we have two stalls and workshops, we need a bit more time to complete everything.

We will provide the final

details soon.

8. **Provide brief description of what will be exhibited/showcased at the stall**

(e.g., data products, applications, visualizations, presentations, audio-video materials, key initiatives, etc.):

We will exhibit our innovative data initiatives, including the development of a digital twin designed to optimize data center efficiency through real-time temperature predictions. Additionally, we will showcase the National Open Data Portal, which provides valuable access to public datasets, and the Digital Pakistan initiatives that aim to enhance digital infrastructure.

9. Number of persons from participating Org/Dep/Min to be present at the stall:

8

10. Has any material to be displayed at the stall been shared?

☒ Yes ☐ No

If yes, please provide type (Soft/Hard) and details of the material: We shared our basic content for the

workshop and the stall projects with PBS via email.

11. PBS Representative deployed at Stall on the days of Data Fest:

Name & Designation: Ms. Hafsa Batool(SA) Cell: 0300-8559029

12. Additional Information/Remarks:

**Note:** The committee head will maintain a separate file for each stall. This proforma should be updated regularly. The duly completed (typed) and signed proforma should be shared with the DF Secretariat at the earliest.

Name & Signature of Stall Committee Head/FP:

Date:

## STALL PROFORMA – DATA FEST 2024

5. **Participating Organization/Department/Ministry:** National University of Sciences and Technology(NUST)

6. **Type of Stall**

Basic

Medium

Essential

Sponsored

Self Sponsored

7. **Focal Person of the Participating Org/Dep/Ministry:**

Dr. Sundus Younis

8. **Contact Information of the above Focal Person:**

**Landline:** 05154444608 **Cell:** 0300-9544399

**Email:** sundus.younis@ceme.nust.edu.pk

5. **Has the Stall Management Committee contacted the above Focal Person?**

☒ Yes

☐ No

If yes, name & designation of PBS officer who contacted: Ms.Ayesha Sajid(Instrutctor) PBS

6. **Was the meeting between Stall Focal Person and HDS organized?**

☐ Yes

☒ No

If no, please provide reasons: Physical meeting didn't take place, but we are in communication via email and phone.

7. **Has the design of the stall and branding been finalized?**

☒ Yes ☒ No If no, please provide reasons: We are in the process of finalizing our design

and branding. Since we have two stalls and workshops, we need a bit more time to complete everything. We will provide the final details soon.

8. **Provide brief description of what will be exhibited/showcased at the stall** (e.g., data products, applications, visualizations, presentations, audio-video materials, key initiatives, etc.):

For the stall, we will showcase multiple data projects, emphasizing their applications through engaging data presentations and audio-visual materials. Attendees will have the opportunity



to explore innovative solutions and practical uses of data analytics. Our workshops will cover integrated approaches to data analytics and visualization, including sessions on estimating food security indicators, data visualization with R, and digital governance methods for NGOs/INGOs.

9. Number of persons from participating Org/Dep/Min to be present at the stall:

11

10. Has any material to be displayed at the stall been shared?

☒ Yes ☐ No

If yes, please provide type (Soft/Hard) and details of the material: We shared our basic content for the

workshop and the stall projects with PBS via email.

11. PBS Representative deployed at Stall on the days of Data Fest:

Name & Designation: Ms. Ayesha Sajid(Instructor) Cell: 0321- 5622046

12. Additional Information/Remarks:

**Note:** The committee head will maintain a separate file for each stall. This proforma should be updated regularly. The duly completed (typed) and signed proforma should be shared with the DF Secretariat at the earliest.

Name & Signature of Stall Committee Head/FP:

Date:

## Stall (AIR University)



### STALL PROFORMA – DATA FEST 2024



1. Participating Organization/Department/Ministry: Air University Islamabad

2. Type of Stall

☒ Basic

☐ Medium

☐ Essential

☐ Sponsored

☐ Self Sponsored

3. Focal Person of the Participating Org/Dep/Ministry: Dr.Faridoon Khan / Danish Hamid

4. Contact Information of the above Focal Person:

Landline: nil Cell: 0345-9221890/0313-9990007 Email: [faridoon.khan@au.edu.pk](mailto:faridoon.khan@au.edu.pk) / [Danish.hamid@au.edu.pk](mailto:Danish.hamid@au.edu.pk)

5. Has the Stall Management Committee contacted the above Focal Person?

☐ Yes

☒ No

If yes, name & designation of PBS officer who contacted: \_\_\_\_\_

6. Was the meeting between Stall Focal Person and HDS organized?

☒ Yes

☐ No

If no, please provide reasons: \_\_\_\_\_

7. Has the design of the stall and branding been finalized?

☐ Yes

☒ No

If no, please provide reasons: Have not been contacted yet by PBS Stall representative

8. Provide brief description of what will be exhibited/showcased at the stall (e.g., data products, applications, visualizations, presentations, audio-video materials, key initiatives, etc.):

Data Science Projects, Data Visualizations & Audio – Video Materials etc

9. Number of persons from participating Org/Dep/Min to be present at the stall:

09

10. Has any material to be displayed at the stall been shared?

☐ Yes

☒ No

If yes, please provide type (Soft/Hard) and details of the material: \_\_\_\_\_

11. PBS Representative deployed at Stall on the days of Data Fest:

Name & Designation: -nil Cell: -nil

12. Additional Information/Remarks:

**Note:** The committee head will maintain a separate file for each stall. This proforma should be updated regularly. The duly completed (typed) and signed proforma should be shared with the DF Secretariat at the earliest.

Name & Signature of Stall Committee Head/FP: \_\_\_\_\_ Date: \_\_\_\_\_

## Stalls Staff Detail

S#	Organization Name	Status of Stall Essential/Medium /Basic	Self- Sponsored/Spon sord by PBS	Proforma Received	Focal person Name by Orgnization with phone number	Focal Person by PBS with phone number	Focal Person by HDS with phone number	Number of Participant in Stall				Topic Description
1	NUST	Essential	Sponsored By PBS		Dr. Sundus Younis 03009544399	Ayesha Sajid 03215622046	Nashmia 03354952627	Name	Designation	Email	Cell#No.	Shaping the future through Innovation Multiple projeccts
2								Dr Yasir Ahmad	HoD – Department of Engineering	yasir.ahmad@ceme.nust.edu.pk	0321-4373559	
3								Dr Afshan Naseem	Associate Professor - DEM	afshan.naseem@ceme.nust.edu.pk	0334-5403979	
4								Dr Sundus Younis	Assistant Professor-DEM	sundus.younis@ceme.nust.edu.pk	0300-9544399	
5								Dr. Hamad Tanveer Butt	Assistant Professor	htanveer.butt@ceme.nust.edu.pk	0321-5372460	
6								Muhammad Shahzeb Khan	PhD Scholar – DEM	hammad.shahzeb@ceme.nust.edu	0300-0512412	
7								Muhammad Ayyaz	PhD Scholar – DEM	uhammad.ayyaz@ceme.nust.edu	0345-9522240	
8								Sarmad Farooq	PhD Scholar – DEM	ooq.em24ceme@student.nust.edu	0306-7517970	
9								Humera Ahsan	Procurement Engineer	humera502@gmail.com	0322-5804522	
10								Jahanzaib	CTO	jahanzaib@forbmax.ai	0333-5913677	
11								Mehwish Awan		mehwish.awan@forbmax.ai	0331-5568157	
12								Ahmad Jawad		ahmad.jawad@forbmax.ai	0311-2857010	
1	NCBC	Essential	SponsoredP		Dr. Imran Akhtar 0300-9564253	Hafsa Batool 03008559029	Nashmia 03354952627	Dr Imran Akhtar	Professor / Co-PI Digital Pakistan Lab – NCBC	Imran.akhtar@ceme.nust.edu.pk	0300-9564253	Digital Pakistan Lab Multiple projects
2								Dr Suleman Shahid	Professor-LUMS	suleman.shahid@lums.edu.pk	0300-8000111	
3								Muhammad Zain	Team Lead – DPL	muhammadzain5649@gmail.com	0335-5111539	
4								Muhammad Asim	Account Officer - NCBC	m_asim@lums.edu.pk	0301-4080345	
5								Tauseef Khan	DPL, MS Research	engrtauseef.mech@gmail.com	0333-9791971	
6								Zeeshan Haider	Team Member -MeethiZindagi		0312-5792295	
7								Ahmad Azfaar Siddiqi	Team Member -MeethiZindagi		0332-9052788	
8								Syed Muhammad Tahir Zaidi	PI DPL	Tahirzaidi@yahoo.com	0333-1883345	
9												

## Volunteers TORS

## Annex - J








### Media management

- Capture event photos, videos for future promotional use.
- Assist with media partnerships, press coverage.
- Manage social media engagement (respond to comments, messages).
- Coordinate interviews with speakers and attendees.
- Ensure that comments of all the guests of honor have been recorded and their photographs have been taken.

### Hall management

- Ensure session rooms are ready and equipped.
- Manage room capacity, enforcing seating arrangements.
- Monitor time keeping, ensure smooth transitions.
- Handle Q&A sessions, microphones.
- Keeps an eye on the audience needs ensuring they are comfortable and engaged during sessions?

### Panel discussion management

- Introduce panelists, moderate Q&A sessions, and speakers for their turns.
- Ensure panelists have necessary materials (bios, Presentations).
- Manage time keeping, keep discussions on track.
- Facilitate audience engagement (microphones, questions).
- Assist with panelist logistics (travel, accommodations)

### Workstation management

- Prepare workstations with necessary materials including presentation tools and information brochures.
- Assist with any technical issues, ensuring all equipment (like projectors and microphones) is functioning properly.
- Keep an eye on workstations during sessions to maintain a smooth flow and address any questions or concerns from attendees.

### Logistics and operations

- Manage event schedule, timelines.
- Ensure accessibility, accommodations
- Manage transportation for guests of honors and other guests, ensuring they arrive at sessions on time.

### Publicity of Data Fest

Additionally, all volunteers will be Ambassadors of PBS and will distribute Data Fest related material to respective universities.

**PAKISTAN BUREAU OF STATISTICS (PBS) IS PROUD TO ANNOUNCE:**

# DataFest

**21<sup>st</sup> - 22<sup>nd</sup> OCTOBER**

## VOLUNTEER'S RESPONSIBILITIES

### Reception and registration

- Welcome attendees, check registrations
- Identify guests of honor and inform the volunteers responsible for 'guiding guests of honor' about their arrival
- Manage wait lists

### Guests of honor

- Greet guests of honor upon arrival with flowers and providing a friendly atmosphere.
- Provide a brief overview of the event schedule, location of sessions, and any specific arrangements made for them.
- Take selfie with guest and upload on Social Media.
- Ensure they have everything they need, such as water, technology support or special requests.
- Guide Guests of honor to Media Corner before their departure, where Media Volunteers will take their photographs and record their comments about Data Festival.

### Guiding Visitors

- Provide information on event schedule, speakers and logistics
- Direct attendees to respective sessions or areas
- Serve as a point of contact for attendees, answering questions, venue layout and session details.
- Manage the visitor's students from universities and help them if they need any guidance.

### Ranking of Stalls

- Rank the stalls on the basis of interest of audience in stall and outlook of stall, as extra ordinary stalls will be awarded with prizes.
- Assist with event evaluation, feedback collection.

Facebook.com/PBSofficialpak

Instagram.com/pbsofficialpak

Linkedin/company/pbsofficialpak

Twitter.com/PBSofficialpak

@PBSofficialpak

@PBSofficialpak

Please scan to register



www.pbs.gov.pk  
<https://datafest.data.gov.pk>





## General Guidelines for Data Fest Ambassadors and Volunteers



- Duty Timings for Volunteers: 8:30 to 5:00 pm
- All Data Fest Ambassadors and Volunteers will ensure their attendance at the **“Reception Desk”**
- They will thoroughly observe the **Floor Plan** and Identify the location of the hall, different stalls, Panel discussion areas, Workshop Station and Incubation Centre etc.
- They must have a clear idea of the **activities** that are happening at the event to perform duties effectively, about which they will be briefed.
- They will have to present at their duty location at **exact time**.
- All volunteers will observe the interest of the crowd on various **stalls, workshops** and **panel discussions** etc. It will help rank **the stalls** afterward.
- They have to be disciplined and show good behavior during the event.
- **Departure time** will also be noted at Reception Desk.
- If there are any **concerns, technical difficulties, or emergencies**, report them immediately to the **event management team**.
- **The names of Data Fest Ambassadors are bold in duties. The Data Fest Ambassadors will be leader of their team.**

## Orientation Schedule

## Annex – K

## Schedule for Orientation Session

Sr. No	Activity	Timings	Resource Person
1.	Introduction	2.00 PM - 2.15 PM	Ms. Rabia Awan, DDG (Data Fest)
2.	Briefing on Data Festival	2.15 PM - 3.00 PM	Mr. Muhammad Sarwar Gondal, Member (SS / RM)
3.	Group Wise Duties Briefing	3.00 PM - 3.30 PM	PBS Concerning Officers
4.	On-site Drill	3.30 PM - 4.00 Pm	PBS Concerning Officers

## Transport Plan

## Annex - L

Transport Management System For Data Fest-2024								Day-01				
S.No	University Name	Focal person	Contact No	PBS Focal Person	No of Visitors	No of Volunteers	Total	Vehicle Req	Pick Up Time	Arrival visitors	Departure time visitors	Drop time volunteers
1	NUST (EME)	Dr. Sanius	0300 9544389	Amir, S.O 3127043435 Rafi Khurshid, M.A	30	92	122	3	8:00 AM	8:08 AM	3:06 PM	5:00 PM
2	ARD (Stats)	Dr. Hani	0333 4310837		0	50	50	1	8:00 AM	9:00 AM		5:00 PM
3	ARD (Economics)	Dr. Saama	0331 5069721		30		30	1	8:00 AM	9:00 AM	3:00 PM	
4	COMSATS	Mt. Madha Syed	0300 5106309		45	45	90	2	8:00 AM	9:00 AM	3:00 PM	5:00 PM
5	RVU	Dr. Musarat	0336 9144406		0	105	105	2	8:00 AM	9:00 AM		5:00 PM
6	AIR	Dr. Fardeen	0345 9221890			45	45	1	8:00 AM	9:00 AM		5:00 PM
7	QAU (STATS)	Dr. Maryam Asim	0333 1542170	Youseef Younas, S.O 0333-4284261 Nasir Riaz, S.A. 0345-5272749	0	85	85	2	10:00 AM	11:00 AM		5:00 PM
8	QAU (IT)	Sidra Batool Kazim	0331 5089227		60	0	60	1	10:00 AM	11:00 AM	3:00 PM	
9	NUST (H-12)	Dr. Zafar (Principal)	051 90553500		65	1	66	2	10:00 AM	11:00 AM	3:00 PM	
10	Islamic University	Dr. Hafiz Ghaffar	0336 5550334		90	0	90	2	10:00 AM	11:00 AM	3:00 PM	
11	AIR	Dr. Fardeen	0345 9221890		70		70	2	10:00 AM	11:00 AM	3:00 PM	
12	Bahria (CS)	Dr. Khuram	0305 6507357		40		40	1	10:00 AM	11:00 AM	3:00 PM	5:00 PM
13	Miscellaneous					72						
Total					430	494	924					

Transport Management System For Data Fest-2024												
Day-02												
S. No	University Name	Focal person	Focal Student	PBS Focal Person	No of Visitors	No of Volunteers	Total	Vehicle Req	Pick Up Time	Arrival visitors	Departure time visitors	Drop time volunteers
1	NUST (EME)	Dr Sundus 0300 9544399	Talal 0313-5687736 Umar 0325-1299209	Mr. Dildar Hussain, DACC 0300- 5584738	30	92	122	4	8:00 AM	9:00 AM	2:00 PM	4:00 PM
2	ARID (Stats)	Dr Hanif 0333 4316637	Asadullah Jan 0318-6817077		30	46	76	2	8:00 AM	9:00 AM	2:00 PM	4:00 PM
3	ARID (Economics)	Dr Saima 0331 5069721	Atzal Ahmed 0331-0333302		30		30	1	8:00 AM	9:00 AM	2:00 PM	
4	COMSATS	Ms. Madiha Syed 0300 5108399	Frahl Izza 0302-1116348		80	67	147	3	8:00 AM	9:00 AM	2:00 PM	4:00 PM
5	Islamic (Stats) Islamic (Accounting)	0311 5892690 Ms. Sadia Nazar 0322 7038259			39	0	39	2	8:00 AM	9:00 AM	2:00 PM	
6	RWU	Dr. Musarrat 0336 9144686	Munnaza 0318-5182896 Hadia 0334-1111720		0	92	92	3	8:00 AM	9:00 AM	2:00 PM	4:00 PM
7	AIR	Dr Faridoon 0345 9221890	Mehmood 0332-9715403 Taha 0321-5006992			46	46	2	8:00 AM	9:00 AM	2:00 PM	4:00 PM
8	QAU (STATS)	Dr Maryam Asim 0333 1542170	Anood 0301-5672442	Rao Mujahid Sarfriz, S.A 0300-5491719 Mubashar Ahmed S/T 0334-5076619	0	85	85	3	10:00 AM	11:00 AM	2:00 PM	4:00 PM
9	QAU (IIT)	Sidra Batool Kazmi 0331 5008327	Maryam 0334-5188208		60	0	60	2	10:00 AM	11:00 AM	3:00 PM	
10	NUST (H-12)	Dr Zafar (Principal) 051 90853500 Dr. Faisal 0315-0428911			45	1	46	1	10:00 AM	11:00 AM	3:00 PM	
11	Islamic University	Dr. Hafiz Ghulran 0336 5550334			100	0	100	3	10:00 AM	11:00 AM	3:00 PM	
12	AIR	Dr Faridoon 0345 9221890	Mehmood 0332-9715403 Taha 0321-5006992		70		70	2	10:00 AM	11:00 AM	3:00 PM	4:00 PM
13	Bahria (AI)	Dr. Amanullah Class CR	0321 8040754 0312 5112383		50	0	50	1	11:30 AM	12:00 PM	3:00 PM	
14	Bahria (CS)	Dr Khuram 0305 6507357				30	30	1	will inform after approval			
15	Miscellaneous				504	510	1064					



Volunteers/Ambassadors/Participants Certificates

Annex - M



PAKISTAN BUREAU OF STATISTICS  
AWARDS THIS CERTIFICATE OF  
**PARTICIPATION**  
TO



AS  
*DataFest Volunteer*

an invaluable support of DataFest 2024 Team and actively participate to  
make the event unforgettable.

at  
Pak China Friendship Centre, Islamabad  
21st– 22nd October , 2024

MUHAMMAD SARWAR GONDAL  
ستارہ امتیاز  
MEMBER SS/RM SPOKES- PERSON  
PAKISTAN BUREAU OF STATISTICS

DR. NAEEM UZ ZAFAR  
ستارہ امتیاز  
CHIEF STATISTICIAN  
PAKISTAN BUREAU OF STATISTICS

## Certificate for Ambassador



PAKISTAN BUREAU OF STATISTICS  
AWARDS THIS CERTIFICATE OF  
**PARTICIPATION**  
TO



AS

*Data Fest Ambassador*

an invaluable support of DataFest 2024 Team and actively participate to make the event unforgettable.

at

Pak China Friendship Centre, Islamabad  
21st– 22nd October , 2024

MUHAMMAD SARWAR GONDAL  
ستاره امتیاز  
MEMBER SS/RM SPOKES- PERSON  
PAKISTAN BUREAU OF STATISTICS

DR. NAEEM UZ ZAFAR  
ستاره امتیاز  
CHIEF STATISTICIAN  
PAKISTAN BUREAU OF STATISTICS



## PAKISTAN BUREAU OF STATISTICS

### AWARDS THIS CERTIFICATE OF PARTICIPATION TO

IN RECOGNITION OF PRESENTING PROJECT

at Data Fest, 2024

at  
Pak China Friendship Centre, Islamabad  
21st– 22nd October , 2024

**MUHAMMAD SARWAR GONDAL**  
ستارہ امتیاز  
MEMBER SS/RM SPOKES- PERSON  
PAKISTAN BUREAU OF STATISTICS

**DR. NAEEM UZ ZAFAR**  
ستارہ امتیاز  
CHIEF STATISTICIAN  
PAKISTAN BUREAU OF STATISTICS

## List of Guest of Honors

## Annex - N

Sr.No	Name of University	Desingation	Name of the Guest	E-mail Adress	Contact #	Will attend 1=Yes, 2=No	If attend then Date	If attend then time
1	National University of Sciences and Technology	Principal	Dr.Zafar Mahmood	principal.s3h@nust.edu.pk		1	21/10/24	9:30 AM
2	Rawalpindi Women University	Chairperson Statistics Department	Dr. Saba Riaz	saba.riaz@f.rwu.edu.pk	0336 5523426	1		9 to 5
3	Riphah University	HoD Statistics	Dr. Aslam		0300 5191826	1	21/10/24	11:00
4	Rawalpindi Women University	Chairperson Mathematics Department	Prof. Dr. Saima Mustafa	saima.mustafa@f.rwu.edu.pk		1	22/10/24	
5	Islamic International University Islamabad	Dean(FOCIT)	Prof. Dr. Mohammad Asmat Ullah Khan	dean.foc@iiu.edu.pk		1	21/10/24 22/10/24	10:00
6	National University of Sciences and Technology	HOD Engineering Management	Dr. Yasir Ahmad	yasir.ahmad@ceme.nust.edu.pk	03214373559	1	21/10/24	2:00 PM
7	Arid Agriculture University	Dean Faculty of Social Sciences	Professor Dr.Abdul Saboor	drabdul.saboor@uaar.edu.pk	0331-6501706	1	21/10/24	1:00 PM
8	Islamic International University Islamabad	Lecturer/ Chairperson, Bio Informatics	Dr. Mehrosh Khalid	mehrosh.khalid@iiu.edu.pk	051-9019069	1	21/10/24	9:00
9	FAST University	Head School of Computing	Prof. Dr. Hassan Mujtaba Kayani	hasan.mujtaba@nu.edu.pk		1	21/10/24	2:00 PM
10	Arid Agriculture University	Professor / Chairman	Prof. Dr. Muhammad Hanif		03334316637	1	22/10/24	11:00 AM
11	Rawalpindi Women University	HOD CS	Dr. Amber Sarwar		0334 4442251	1		
12	National University of Sciences and Technology	Professor	Dr. Imran Akhtar	imran.akhtar@ceme.nust.edu.pk	03009564253	1	21/10/24	2:00 PM
13	Arid Agriculture University	Associate Professor	Dr. Sadia Masood		03335705094	1	21/10/24	9:00
14	Air University	Assistant Professor	Dr. Syed Usman		0332-0615294	1	22/10/24	2:00 PM
15	NUML	Assistant Professor	Dr. Uzma Bashir	uzma.bashir@numl.edu.pk	03315208802	1	22/10/24	11:00
16	Arid Agriculture University	Assistant Professor Economics	Dr.Gulnaz Hameed	gulnaz.hameed@uaar.edu.pk	0324-5278213	1	22/10/24	10:30
17	Arid Agriculture University	Assistant Professor Economics	Dr.Majid Ali	majidali@uaar.edu.pk	0300-3969173	1	22/10/24	2:00 PM
18	Islamic International University Islamabad		Dr. Shamim Alam		0345 5457309	1	21/10/24	9:15
19	University of Wah		Dr. Javaid Shabbir		0300 5273086	1	21/10/24, 22/10/24	9:00
20	Pak Austria F-University		Dr. Moazzam		0335 1862445	1	21/10/24	2:00 PM
21	Islamic International University Islamabad	Department of Technology and Project Management	Dr. Abdul Zahid Khan	zahidkhan.fms@iiu.edu.pk	03335285550	1	21/10/24	12:00
22	Quaid-i-Azam University		Prof. Dr. Ijaz Hussain	ijaz@qau.edu.pk	03008845284	1	21/10/24	9:00
23	Islamic International University Islamabad	Lecturer	Dr. Sadia Nazar	sadia.nazar.5716@iiu.edu.pk	0322 7038259	1	22/10/24	8:30 to 1:00
24	Arid Agriculture University	Lecturer Economics	Dr.Muhammad Abdul Rahman	arahman@uaar.edu.pk	0336-5133143	1	22/10/24	9:40 to 2:00
25	Rawalpindi Women University	Director, Student Affairs/Registrar	Ms. Huma Rauf		03005479995	1	22/10/24	1130-1230



26	National University of Sciences and Technology	MCS NUST	Lt Col. Khurram Mushtaq		03355772555	1	21/10/24	12:00
27	Comsats University	Manager/Incharge Students Affairs	Ms. Madiha Syed	madiha_sayed@comsats.edu.pk	03005108399	1	21/10/24	11:00

## Guest of Honor

Sr.No	Name of University	Designation	Name of the Guest	E-mail Address	Contact #
1	Ministry of Education	Federal Secretary	Mr Mohyuddin Ahmad Wani	secretary@mofept.gov.pk	051-9211622
2	Higher Education Commission	Chairman	Dr. Mukhtar Ahmed	Mahmed@hec.gov.pk, Chairman@hec.gov.pk	051-90400108
3	Quaid-i-Azam University	Vice Chancellor	Prof. Dr. Niaz Ahmed Akhtar (SI)	vco@qau.edu.pk	051 90644068
4	Bahria University	Rector	Vice Admiral (R) Asif Khaliq HI (M)	rector@bahria.edu.pk	051-9260002
5	National University of Sciences and Technology	Rector	Engr Javed Mehmood Bukhari	rector@nust.edu.pk	051-90851001
6	Pakistan Institute of Development Economics (PIDE)	Vice Chancellor	Dr. Nadeem ul Haque	vc@pide.org.pk	051-9248024
7	Air University	Vice Chancellor	Air Marshal Abdul Moeed Khan HI(M)	secytovc@au.edu.pk	051-9153202
8	Comsats University	Rector	Dr. Sajid Qamar	rector@comsats.edu.pk	051-9247005
9	Islamic International University Islamabad	Rector	Prf. Dr. Samina Malik	rector@iiu.edu.pk	051-2254707
10	Rawalpindi Women University	Vice Chancellor	Dr. Anila Kamal	dranilakamal@yahoo.com	051-9064-4111
11	National Defence University	President	Lt Gen Asif Ghafoor HI (M)		
12	FAST University	Rector	Dr. Aftab Ahmad	rector@nu.edu.pk	051-2855072
13	NUML	Rector	Maj Gen Shahid Mehmood Kayani HI (M) Retd	rector@numl.edu.pk	051-9265070
14	Fatima Jinnah Women University	Vice Chancellor	Dr. Samina Hamid		051-9292900-1003
15	Arid Agriculture University	Vice Chancellor	Prof. Dr. Muhammad Naeem	vc@uaar.edu.pk	051-9292104
16	Islamabad Medical and Dental College	Principal	Prof. Dr. Khalid Hassan	Khalid.hassan@imdcollge.edu.pk	051-8153000-6 Ext 519
17	CUST	Vice Chancellor	Prof. Dr. Muhammad Mansoor Ahmad	mansoor@cust.edu.pk	051-111-555-666 Ext 222
18	University of Peshawar	Vice Chancellor	Prof. Dr. Muhammad Naeem Qazi	pstovc@uop.edu.pk	092-9222198
19	University of Punjab	Vice Chancellor	Prof. Dr. Khalid Mahmood	vc@pu.edu.pk	0092-42-99231099
20	University of Karachi	Vice Chancellor	Prof. Khalid Mehmood Iraqi	vc@uok.edu.pk	99261336-7
21	Rawal Institute of Health Sciences	Principal	Prof. Dr. M Shakaib Anwar (Principal)	info@rihs.edu.pk	051-2617381
22	Fazaia Medical College	Principal	Maj. Gen. Muhammad Tahir Khadim HI(M)		051-9262557
23	National University of Sciences and Technology	Assistant Professor	Dr. Tehreem Azeem		03364576755
24	National University of Sciences and Technology	Director Marketing & Communication	Ms Maria Qadri	dmnc@nust.edu.pk	
25	National University of Sciences and Technology	Pro Rector	Dr. Rizwan Riaz	prorectorric@nust.edu.pk	
26	National University of Sciences and Technology	Principal	Dr. Zafar Mahmood	principal.s3h@nust.edu.pk	
27	National University of Sciences and Technology	Director Academics	Dr. Adnan Maqsood	dacad@nust.edu.pk	
28	National University of Sciences and Technology	Pro Rector	Dr. Osman Hassan	osman.hasan@seecs.nust.edu.pk	03315721004 / 05190851031
29	National University of Sciences and Technology	Assistant Professor	Dr. Zainab Khan		03322435472
30	National University of Sciences and Technology	Assistant Professor	Gul.I. Ayesha		03216970004
31	National University of Sciences and Technology	HoD Public Policy	Uzair Hashmi		03335666400
32	National University of Sciences and Technology	Assistant Manager	Zia Ur Rehman		03444660331
33	National University of Sciences and Technology	HOD Economics	Dr. Faisal Abbass	dr.faisal@s3h.nust.edu.pk	03150428911
34	National University of Sciences and Technology		Dr. Tanweer ul Islam	tanweer@s3h.nust.edu.pk	03004273878
35	National University of Sciences and Technology	Researcher	Ms. Asima		03479504136
36	National University of Sciences and Technology	Manager Cooperate	Mr. Ihsan Zafar		0345 9166420
37	National University of Sciences and Technology	Assistant Professor	Dr. Sundus Mustaqeem		03204046692
38	National University of Sciences and Technology	Professor	Dr. Imran Akhtar	imram.akhtar@ceme.nust.edu.pk	03009564253
39	National University of Sciences and Technology	HOD Engineering Management	Dr. Yasir Ahmad	yasir.ahmad@ceme.nust.edu.pk	03214373559
40	Quaid-i-Azam University	HOD School of Economics	Dr. Zahid Asghar	zasghar@qau.edu.pk	051-9064-3037 0300 9121940

Sr.No	Name of University	Desingation	Name of the Guest	E-mail Adress	Contact #
41	Quaid-Azam University	HOD IIT	Dr. Adeel Anjum	aanjum@qau.edu.pk	051-9064-3052
42	Quaid-Azam University	HOD Statistics	Dr. Abdul Haq	abduhaq@qau.edu.pk	03335351038
43	Quaid-Azam University	Lecturar Statistics	Dr. Maryam Asim	masim@qau.edu.pk	03331542170
44	Quaid-Azam University		Dr. Sajid Ali		03016869239
45	Quaid-Azam University	IIT	Dr. Sidra Batool Kazmi		0331 5008327
46	Air University	Dean, Associate Professor	Dr. Ammar Masood		0322-5143357
47	Air University	Associate Professor	Dr. Amanullah Yasin (Chair)		0321-8040754
48	Air University	Associate Professor	Dr. Mehdi Hassan (Chair)		0344-8049375
49	Air University	Associate Professor	Dr. Imran Ihsan		0321-5851545
50	Air University	Assistant Professor	Dr. Syed Usman		0332-0615294
51	Air University	Assistant Professor	Dr. Faridoo Khan		0345-9221890
52	Air University	Assistant Professor	Dr. Fawad Salam Khan		0060 14-615 2889 (WhatsApp)
53	Air University	Lecturer	Mr. Danish Hamid		0313-9990007
54	Islamic International University Islamabad	Vice President (Admin & Finance)	Prof. Dr. Muhammad Sarwar	vp-afp@iiu.edu.pk	051-9258060
55	Islamic International University Islamabad	Vice President (Academics)	Prof. Dr. Abdul Raheman	vpacad@iiu.edu.pk	9258074
56	Islamic International University Islamabad	Vice President (Research & Enterprize)	Prof. Dr. Ahmed Shuja Syed	vphsr@iiu.edu.pk	9258055, 9258074
57	Islamic International University Islamabad	Dean (FBAS)	Prof. Dr. Mushtaq Ahmad	deanfbas@iiu.edu.pk	051-9019514 051-9257930
58	Islamic International University Islamabad	Dean (FSS)	Professor Dr. Manzoor Khan Afridi	deanfss@iiu.edu.pk	051-9257961
59	Islamic International University Islamabad	Dean (MS)	Dr. Syed Zulfiqar Ali Shah	dean.fms@iiu.edu.pk	051-9257950
60	Islamic International University Islamabad	Director General	Dr. Abdul Rashid	abdulrashid@iiu.edu.pk	051-9019423, 051-9019419
61	Islamic International University Islamabad	Dean (FET)	Prof. Dr. Saeed Badshah	dean.fet@iiu.edu.pk	051-9257949 - 051-9019465
62	Islamic International University Islamabad	Dean (FOCIT)	Prof. Dr. Mohammad Asmat Ullah Khan	dean.foc@iiu.edu.pk	
63	Islamic International University Islamabad		Dr. Farzana Akhtar Abbasi		0307 8777804
64	Islamic International University Islamabad		Dr. Shamim Alam		0345 5457309
65	Islamic International University Islamabad		Dr. Maryam Siddiq		03314203531
66	Islamic International University Islamabad		Ms. Farah Rasheed		0311 5892690
67	Islamic International University Islamabad	Director (ORIC)	Prof. Dr. Muhammad Amir		051 9019062
68	Rawalpindi Women University	Assistant Professor	Dr. Musarrat Ijaz	musarat.ijaz@f.rwu.edu.pk	0333 9792949
69	Rawalpindi Women University	HOD CS	Dr. Amber Sarwar		0334 4442251
70	Rawalpindi Women University	(Vice Chancellor	Prof. Dr. Anila Kamal	Vc@rwu.edu.pk	
71	Rawalpindi Women University	Director, Student Affairs/Registrar	Ms. Huma Rauf		03005479995
72	Rawalpindi Women University	Additional Director, Student Affairs)	Ms. Khadija Saeed	dsa@f.rwu.edu.pk	03028555016
73	Rawalpindi Women University	Chairperson Statistics Department	Dr. Saba Riaz	saba.riaz@f.rwu.edu.pk	0336 5523426
74	FAST University	Asdministration Officer	Usman Tariq	usman.tariq@nu.edu.pk	
75	Degree College, Rainala Khurd	Assistant Professor	Prof. Dr. Abdullah	03217565130	03336964525 03217565130
76	F-7/2 college	HOD Economics	Ms. Ayesha Anjum	ayeshaanjum1973@gmail.com	03335249150
77	Bahria University	Head of Department / Professor, Computer Science	Dr. Arif Ur rehman	arif.buc@bahria.edu.pk	03368811644
78	Bahria University		Dr. Khurram	mkeshaan.buc@bahria.edu.pk	03056507357
79	Riphah University	HoD Statistics	Dr. Aslam		0300 5191826
80	University of Wah		Dr. Javaid Shabbir		0300 5273086

Sr.No	Name of University	Desingation	Name of the Guest	E-mail Address	Sr.No
81	Asghar Mail College	Economics	Ms. Aneela	aneela.21@pide.edu.pk aneelattheemerald@gmail.com	81
82	Asghar Mail College	Stats	Mr. Khalil Ahmed		82
83	Fatima Jinnah Women University	Economics	Dr. Qureshi		83
84	Pakistan Institute of Development Economics (PIDE)		Dr. Amena Urooj		84
85	Shah Abdul Latif University	Professor, Statistics, Pro Vice Chancellor	Dr. Syed Maqsood Zia	maqsood.shah@salu.edu.pk	85
86	Department of Communication and Media Studies	Assistant Professor	Dr. Noman Yaser	noman.yaseer@uos.edu.pk	86
87	NUML	Assistant Professor	Dr. Uzma Bashir	uzma.bashir@numl.edu.pk	87
88	Retired Statistician	Professor	Dr. Zafaryab		88
89	Retired Statistician	Professor	Dr. Jamshed		89
90	Bahauddin zakria University, Multan	HOD Stats	Dr. Zawar Hussain		90
91	Bahauddin zakria University, Multan		M Danyal		91
92	LCWU		Dr. Sehar Saleem		92
93	Islamic International University Islamabad		Dr. Ishfaq		93
94	Quaid-i-Azam University	Director Academics	Dr. Ishtiaq		94
95	Quaid-i-Azam University	Director External Linkages	Dr. Salma		95
96	Pak Austria F-University		Dr. Moazzam		96
97	Pakistan Institute of Development Economics (PIDE)	Researcher	Ms. Shehnaz	shehnazshah968@gmail.com	97
98	Islamic International University Islamabad	Department of Technology and Project Management	Dr. Abdul Zahid Khan	zahidkhan.fms@iiu.edu.pk	98
99	UET Lahore, IIU		Javed Iqbal Jadoon		99
100	Arid Agriculture University	Professor / Chairman	Prof. Dr. Muhammad Hanif		100
101	Arid Agriculture University	Associate Professor	Dr. Sadia Masood		101
102	Arid Agriculture University	Assistant Professor	Dr. Mursala Khan		102
103	Arid Agriculture University	Lecturer	Dr. Nasir Ali		103
104	Arid Agriculture University	Professor (Retd, AIOU)	Prof. Dr. Faqir Muhammad		104
105		Ex-Diretor (PTA)	Col.Muhammad Younis		105
106	National University of Sciences and Technology	MCS NUST	Lt Col. Khurum Mushtaq		106
107	Zong	CTO Zong / Lecturar	Rizwan Younis		107
108	Arid Agriculture University	Dean Faculty of Social Sciences	Professor Dr.Abdul Saboor	drabdul.saboor@uaar.edu.pk	108
109	Arid Agriculture University	Director University Institute of Management	Professor Dr. Ikram Ali Malik	Ikram@uaar.edu.pk	109
110	Arid Agriculture University	Associate Professor/Chairman Department of Economics & AEC	Dr. Arshad Mahmood Malik	arshadmm@uaar.edu.pk	110
111	Arid Agriculture University	Assistant Professor Economics	Dr.Guhaz Hameed	guhaz.hameed@uaar.edu.pk	111
112	Arid Agriculture University	Assistant Professor Economics	Dr.Saima Asad	saima.asad@uaar.edu.pk	112
113	Arid Agriculture University	Assistant Professor	Dr.Alia Afzal	alia.afzal@uaar.edu.pk	113
114	Arid Agriculture University	Assistant Professor Agriculture Economics	Dr.Safder Hussain	ranasafder@uaar.edu.pk	114
115	Arid Agriculture University	Assistant Professor Economics	Dr.Majid Ali	majidal@uaar.edu.pk	115
116	Arid Agriculture University	Lecturer Agriculture Economics	Dr.Nasir Mahmood	nasir@uaar.edu.pk	116
117	Arid Agriculture University	Lecturer Agriculture Economics	Dr.Bashir A.Khan	bashirak2002@yahoo.com	117
118	Arid Agriculture University	Lecturer Economics	Dr.Muhammad Abdul Rahman	arahman@uaar.edu.pk	118
119	Arid Agriculture University	Lecturer Economics	Dr.Sumera Saleem	sumera@uaar.edu.pk	119
120	Comsats University, Lahore Campus	Head of Department, Stat	Dr. Muhammad Noor ud din		120



Sr.No	Name of University	Desingation	Name of the Guest	E-mail Adress	Sr.No
121	Institute of Space and Technology	HOD of Applied Math & Stat	Muhammad Nawaz	muhammad.nawaz@ist.edu.pk	051-9075478
122	Quaid-i-Azam University		Prof. Dr. Ijaz Hussain	ijaz@qau.edu.pk	03008845284
123	Bahauddin zakria University, Multan		Prof. Dr. Amaan ullah	aman_stat@bzu.edu.pk	
124	Islamic International University Islamabad	Lecturer/ Chairperson, Bio Informatics	Dr. Mehrosh Khalid	mehrosh.khalid@iiu.edu.pk	051-9019069
125	Islamic International University Islamabad	Lecturer/ Chairperson, Electrical & Computer Engineering	Engr. Dr. Shahid Ikram	shahid.ikram@iiu.edu.pk	051-9019464
126	Islamic International University Islamabad	Chairperson	Dr. Nasir Ali	nasir.ali@iiu.edu.pk	051-9019756, 9258037
127	Bahria University	Dean / Principal, IT	Dr. faisal Bashir	fbashir.buc@bahria.edu.pk	9260002 ext 361
128	Bahria University	Senior Associate Professor, Cluster Head, AI	Dr. Samabia Tehseen	Samabiatehsin.bukc@bahria.edu.pk	
129	Bahria University	Sr. Professor, Math	Dr. M. Ramzan	mrarnzan@bahria.edu.pk	
130	Foundation University	Dean (Faculty of Engineering & Information Technology)	Prof. Dr. M. Shaheen	dr.shaheen@fui.edu.pk	
131	Virtual University	Assistant Professor (Incharge) Department of Statistics	Dr. Syed Muhammad Muslim Raza	muslim.raza@vu.edu.pk	
132	Karachi university	Incharge	Ms. Rafia Shafi	statistics@uok.edu.pk	99261300-06
133	Karachi university	Dean Science	Prof. Dr. Mussarat Jahan	deanscience@uok.edu.pk	99261077
134	Shah Abdul Latif University	Professor, Chairman	Abdul Hakeem Kalwar	info@salu.edu.pk	
135	Rawalpindi Women University	Lecturar	Dr. Ghulam Narjis	ghulam.narjis@f.rwu.edu.pk	0345 5913640
136	Rawalpindi Women University	Chairperson Mathematics Department	Prof. Dr. Saima Mustafa	saima.mustafa@f.rwu.edu.pk	
137	Rawalpindi Women University	Lecturar Mathematics	Dr. Madiha Bibi	madiha.bibi@f.rwu.edu.pk	
138	Pakistan Institute of Development Economics (PIDE)		Dr. Shujat Farooq	shujaat@pide.org.pk	0300 0161406
139	Pakistan Institute of Development Economics (PIDE)	Lecturar	Mr. Khurram Elahi	khurramelahi@pide.org.pk	0323 5254929
140			Dr. Durre Nayab	nayab@pide.org.pk	0333 5251699
141	Pakistan Institute of Development Economics (PIDE)	Chief of Research / Acting Pro Vice Chancellor	Abedullah Anjum	abedullah@pide.org.pk	051 9248032
142	National Defence University	Registrar (Acting)	Dr. Nadia Khan	registrar@ndu.edu.pk	
143	National Defence University	Dy Dir Admin	Lt Col Mirza Waseem Baig (Retd)	ddadm@ndu.edu.pk	
144	Islamic International University Islamabad	Lecturer	Dr. Sadia Nazar	sadia.nazar.5716@iiu.edu.pk	0322 7038259
145	FAST University	Director / Professor	Prof. Dr. Waseem Shahzad	waseem.shahzad@nu.edu.pk	
146	FAST University	Head School of Computing	Prof. Dr. Hassan Mujtaba Kayani	hasan.mujtaba@nu.edu.pk	
147	FAST University	HoD Computer Science	Prof. Dr. Hammad Majeed	hammad.majeed@nu.edu.pk	
148	Comsats University	Incharge Career Development Centre	Syed Uzair Alvi	uzair.alvi@comsats.edu.pk	03215372746
149	Comsats University	Manager/Incharge Students Affairs	Ms. Madiha Syed	madiha_sayed@comsats.edu.pk	03005108399
150	Comsats University	General Manager	Mr. Fayyaz Hussain	fayyazhussain@comsats.edu.pk	
151	Air University	A. Professor Cyber Security	Dr. Zunera Jall	zunera.jall@au.edu.pk	0301 5517993
152	Air University	Chairman Computer Science	Dr. Muhammad Tufail	tufail.muhammad@aack.au.edu.pk	0314 9998562
153	Air University	Lecturer	Mr. Muhammad Haris	Muhammad.haris@aack.au.edu.pk	03225420915
154	AIOU	Vice Chancellor	Prof Dr Nasir Mehmood	vc@aiou.edu.pk	92-51-9250101
155	AIOU	Chairman Stats	Prof Dr Irshad Ahmed Arshad	irshad.ahmad@aiou.edu.pk	051-9575100
156	AIOU	Associate Professor / Chairman	Dr. Saleem Iqbal		051-9057809
157	National University of Sciences and Technology	Assistant Professor	Dr. Sundus Younis	sundus.younis@ceme.nust.edu.pk	03009544399
158	IBA	Executive Director IBA & Chairman, IBA Board of Governors	Prof. Dr. S Akbar Zaidi		
159	IBA	Professor & Dean	Dr. Shakeel A. Khoja		skhoja at iba.edu.pk
160	LUMS	VC	Dr. Ali Cheema	+92 42 3560 8000	vc@lums.edu.pk
161	Punjab University	Principal & Professor	Prof. Dr. Sohail Chand	sohail.stat@pu.edu.pk	042-35962612-4
162	university of Peshawar	Professor / DEAN	Dr. Muhammad Iqbal	dean_nps@uop.edu.pk	091-9222240
163	university of Peshawar	Associate Professor / HOD	Dr. Alamgir	alamgir_khalid@uop.edu.pk	
164	Islamia University, Bahawalpur	Professor   Dean Faculty of Physical & Mathematical Sciences	Prof. Dr. Ghulam Mustafa	ghulam.mustafa@iub.edu.pk	0300-6855221
165	University of Agriculture,FSD	Chairman / Associate Professor	Dr. Muhammad Zafar Iqbal	mzts2004@uaf.edu.pk	92419200457
166	University of Balochistan	Associate Professor / Chairperson	Dr. Abdul Raziq	raziq@um.uob.edu.pk	
167	Gomal University	Chairman DCIT	Dr. Muhammad Ijaz	raziq_statistics@gmail.com	
168	National College of Business Administration & Economics	Dean Mathematics	Dr. Muhammad Kaleem	webmaster@gmail.com	92-966-750424-29
169	National College of Business Administration & Economics	Head of Economics Department	Dr. Abdul Quddus	draqmalik@gmail.com	
170	Sir Syed University of Engineering & Technology	Chairperson,	Dr. Waleej Haider	waleej.haider@ssuet.edu.pk	(021) 34988000
171	Abdul Wali Khan University Mardan	Chairman, Department of Statistics	Dr. Dost Muhammad Khan	statistics@awkm.edu.pk	
172	Air	Assistant Professor, Math	Dr. Iffat Zahra	iffat.zehra@au.edu.pk	
173	Bacha Khan University, Charsadda	Head of Department	Mr. Muhammad Sohail		091-6540116
174	IBA, Karachi	Assistant Professor and Chairperson Mathematical Sciences	Syed Hisham bin Zubair	hbinzubair@iba.edu.pk	

## Presentation for seminar

## Annex-O



# Involvement of Universities, Academia and Researchers

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1

## Establishment of PBS



Pakistan Bureau of Statistics was established with the enactment of  
**General Statistics (Reorganization) Act, 2011**

PBS was created with the merger of four organizations:-

- **Federal Bureau of Statistics (FBS)**
- **Population Census Organization (PCO)**
- **Agricultural Census Organization (ACO)**
- **Technical Wing of Statistics Division (TW)**



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## Vision Statement PBS



Pakistan Bureau of Statistics is committed to provide

# Evidence Based Decision Making

Timely information

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## Functions of PBS



- Undertaking the National **Censuses and Surveys**
- Evaluation and introduction of **standard concepts, definitions, and classifications** of official statistics
- **Collection, Compilation, and Analysis** of statistical data relating to various economic and social sectors
- Provision of statistical information to Federal Ministries, Provincial Governments and other organizations for **Evidence-based Policy Making**
- Evaluation of efficient computation methods for **Statistical Estimation**
- **Implementation of policy** laid down by the Ministry by adopting the Statistical System of Pakistan to conform with the policy
- **Provision of Baseline Data** for designing of Development plans and its **Monitoring & evaluation**

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## PBS Data Sets



### Population & Housing Census (since 1951)

Geo-Tagged, Population, Education, Migration, Employment, Disability, Housing Characteristics



### Agriculture Census (since 1960)

Land & Crops, Livestock, Machinery census, now Integrated Agriculture Census



### Census of Manufacturing Industries (since 1954)

Census of large scale manufacturing



### Mouza Census (since 1971)

Rural / Village Census, Agriculture & Rural Characteristics

### SURVEY

- Price Statistics (SPI, WPI, RPI, CPI) (since 1971)
- Labor Force Survey (since 1963)
- Pakistan Demographic Survey (since 1963)
- PSLM (since 2004)
- HIES (since 1963)
- Other Ad-hoc Surveys

### SECONDARY DATA

- National Accounts / GDP
- Trade Statistics
- Social Statistics

## PBS Office Across Pakistan



This image cannot currently be displayed.

Count	Office
16	Regional Office
18	Field Office
115	District Office

Staff	Sanction
Technical (Census / Surveys)	2456
IT Staff	269
Geography Staff	178
Administration	239
Support & Printing	216
Total	3358

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## Population Census History 1951-2023



### After Independence of Pakistan

- **Seven Censuses** have been undertaken so far i.e. **1951, 1961, 1972, 1981, 1998, 2017** and latest in **2023**.
- Censuses usually conducted after every ten years
- All Censuses excluding 2023 were conducted through **Paper Assisted Personal Interviewing (PAPI)** approach
- The 7<sup>th</sup> Population and Housing Census was the **largest digitization exercise** of **South Asia**



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**7<sup>th</sup> Population and Housing Census**  
**Fist Digital Census**

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## Population Census Glimpse - 2023

PBS  
Datafest



**126000**  
Tablets



**1070**  
Training Venue



**4000**  
Trainers



**220,000**  
Maps



**50TB**  
Database



**241.4 million**  
Population



**40 million**  
Structures



**38.3 million**  
Households



**8 million**  
Economic unit



**250,000**  
Operational  
Staff

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## Population Census 2023 - Units

PBS  
Datafest



**611k**  
Mosque/  
Worship



**18k**  
Banks



**7510**  
Hostels



**146k**  
Hotels



**4886**  
Police Stations



**70k**  
Hospitals



**20k**  
Madrasas



**268k**  
Schools



**9442**  
Colleges



**3.1 million**  
Retail Shops



**345k**  
Wholesale  
Shops



**1.5 million**  
Service' Shops



**190k**  
Product'  
Shops



**194k**  
Factories/Indu  
stries



**20k**  
Semi-public  
organizations



**49k**  
Public  
organizations

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in @ f y t 11

## 1st Data Fest-2024



Pakistan Bureau of Statistics (PBS) has planned to conduct the first Data Fest in Pakistan on 21-22 October, 2024

The **1<sup>st</sup> Data Fest-2024**, holds immense significance in promoting **data literacy** and **data awareness** in Pakistan including:

- **Communication platform** for data users and producers
- Catalyst for **knowledge exchange** and **collaboration**
- Contributing to the **connected data ecosystem**
- **Utilization of data** for a better future

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## Objectives Of Data Fest



-  Showcase **Benefits of Data Integration** and Sharing
-  Promote Data-Driven Innovation through **Panel Discussions**
-  Bridge the gap between **Public and Private Sector**
-  Create a Marketplace for **Data Exchange**
-  Foster Data **Literacy and Visualization** Skills

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## Thematic / Focused Areas



-  **Data for Life and Equity**  
Healthcare access, social equity, education equality, and poverty alleviation
-  **Data for Governance and Growth**  
Social service delivery, law enforcement, public administration and Price regulation
-  **Harnessing Data for Fiscal Resilience**  
Revenue generation, expenditure optimization, budget transparency, and financial accountability
-  **Climate Change, Adaptation, and Disaster Risk Management**  
Climate resilience strategies, disaster preparedness, risk assessment, and mitigation measures
-  **Data Integration and Visualization for Development**  
Interdisciplinary data integration, visual analytics, data-driven decision-making, and sustainable development goals.

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## Main Stakeholders



### Universities, Academia, and Research Institutions

Arid Agriculture University, Rawalpindi Women University, Quid-e-Azam University, NUST, HEC, PIDE, FAST, LUMS, Air University etc.

### Government/Semi-Government Sector

NADRA, FBR, SUPARCO, NITB, PSEB, PITB, NTC etc.

### Potential IT and Telco Organizations

Ufone, Jazz, Telenor, Zong, PTCL, Oracle, Huawei etc.

### Private Sector

Larger Retailers, Banks, Pharmaceutical Companies

### (NGOs) and Civil Society

Foundations and Social Welfare Organizations

### International Organizations

UN organizations, IMF, World Bank

### Media

Leading Media Houses (Print, Electronic, Social Media)

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## Activity Plan for Data Fest

- Panel Discussions (Keynote Presentations)
- Workshops
- Exhibitions and Stalls
- Networking among people and organizations
- Data Product Demonstrations
- Data Jokes, Games and Visualizations
- Family Gala



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## Modes of participation



### Students

- Datafest Ambassador
- Project Exhibition
- Visitors and Guests, Presenters

### Researchers / Faculty

- Panel Discussions (Key Note Speeches)
- Workshops, Presentations



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## Competition Announcement



- Faculty and Students of universities can participate in **quiz competition**
- Students are encouraged **to Prepare Data Jokes**
- **The winners will be awarded prizes**



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## Visitors and Delegates from Universities



- Presence of faculty and students during the **inauguration ceremony**
- **All the departments are invited for Data Fest 2024**
- To ensure a seamless experience, universities are requested to indicate
  - Names of **Guest of Honours to visit Data Fest**
  - Number of **faculty members** for the visit
  - The **number of students for visit and participation**
  - **Suitable time slot** for the visits

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## Involvement of Universities and Academia



Through this **collaboration with PBS**, universities will have the **opportunity to:**

- **Present their Projects by Faculty and Students**
- Improve **visualization skills**
- Showcase **research projects**
- Innovative **applications of data analysis.**

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## Advantage for Data Fest Ambassador



**Excellent opportunity** for students to gain

- **Event Management Experience**
- **Develop Communication Skills**
- **Network with Professionals from Various Fields.**
- **Personal Growth**
- **Certificate of Datafest Ambassador**
- **Merchandise.**



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## Role of Data Fest Ambassadors (volunteer)



**Data Fest Ambassadors will help the PBS team to**

- **Organize** and **Execute** the event.
- Promoting the event through **Social Media** and **Brochure Distribution**.
- **Welcoming** and **Receiving Guests**
- **Guiding visitors** about **different sections** and **activities of the festival**
- Managing Data Fest **logistics and operations**
- Management of **participating students** from **their own and other universities**.
- The Data Fest ambassadors will be trained about **their responsibilities** before the event.



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## Registration

Please **register yourself**

- Via QR Code
- Register online <https://datafest.data.gov.pk/>
- Register yourself on the registration desk



First Name:

Organization/Institution:

Participate as:

Area of Interest:

Email Address:

Phone Number:

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# Thank you



**PAKISTAN BUREAU OF STATISTICS**  
**21 Mauve area G 9/1 Islamabad**  
**[www.pbs.gov.pk](http://www.pbs.gov.pk)**

