Dashboard Reporting and Analysis with Power BI (AI integrated)

Program Overview:

Master Power BI attractive Dashboard Reporting by integrating data from various sources, configuring and optimizing. It emphasizes data cleaning, transformation, and loading using Power Query.

Develop robust data models and manage relationships between databases. The program also focuses on DAX functions for calculations, advanced reporting with visuals and AI features, and effective workspace and dataset management, including security and data refresh.

LEARNING OUTCOMES:

At the end of the workshop the participants will be able to:

- Develop skills in Cleaning, transforming, and loading data using Power Query
- Design interactive reports with visuals, filters, and AI tools using Power BI
- Leverage AI and advanced analytics for actionable insights

DIFFICULTY LEVEL:
Basic to Intermediate

DURATION:
Full day From 9:00 am to 5:00 pm

DATE:
19th June 2025

INVESTMENT:
Rs. 16,000 + Tax per person

PRE-REQUISITE:
Intermediate level of skills in MS Excel

EQUIPMENT AND SOFTWARE REQUIRED:
Participant need to bring their own laptop with MS Power BI setup installed. Setup file can be shared upon request.

VENUE
NIC Building, 6th Floor
Abbasi Shaheed Road
Shahrah-e-Faisal, Karach

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TRAINING OUTLINE:

Module 1: Introduction to Power BI Desktop
- Getting started with Power BI Desktop
- Data Sources in Power BI Desktop
- Import Excel Workbooks
- Shape and Combine Data
- Data Categorization
- Relationship View
- Create and manage relationships in Power BI Desktop
- Data Type in Power BI Desktop
- Measures in Power BI Desktop
- Calculated Columns and Tables
- DAX Basics
- Report View

Module 2: Excel Power System
- Power Query – ETL (Extract Transform Load)
- Automate Daily Task
- Tips & Tricks (Short cut Keys/Techniques)

Module 3: Power BI Desktop Visualization Techniques
- Tips and tricks for creating reports
- Import and display KPIs
- Creating Tables in Power BI
- Matrix Visualization
- Tables and Matrices
- Methods of Aggregation
- Cards and Multi Row Cards
- Percentage Calculations
- Filtering Data - Using Slicers, Visual Filters, Page Filters, Drill Through Filter
- Clustered Column Graphs
- Stacked and 100% Graphs
- Graph Options
- Trend Analysis Graphs
- Area Graphs
- Ribbon Graphs
- Scatterplots and Bubble plots

Module 4: Applying AI Visuals in Power BI
- Using Smart Narrative feature in Power BI
- Creating Dashboard report using Q&A feature
- Decision Tree Visual
- Using Key Influencer Visual

Module 5: Publishing and Sharing Power BI
- Publish from Power BI Desktop
- Share Dashboards through Power BI Service

Final Project will also be given to the participants towards the completion of training
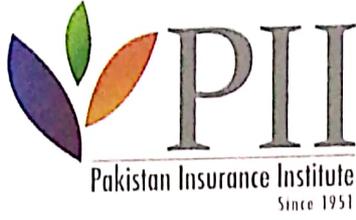
Trainer's Profile

Tahir Ali is a highly motivated corporate trainer with experience in training small and large groups across diverse industries. Proven success with over 16 years of professional experience of industry in leveraging educational theories and methodologies to design, develop, and deliver successful training programs and integrate instructional technology to provide onsite and virtual training.

He is a Microsoft PL 300 Power BI Certified Trainer, Microsoft Office Specialist Master, with an MBA in Accounting & Finance.

He delivers training on Advanced MS Excel, Dashboard Reporting with MS Excel using Power Query and Power Pivot, Data Analysis and Visualization using Power BI application and is currently engaged as faculty member at YouExcel.

June 10, 2025

Circular No: PII - 12/2025

Pakistan Insurance Institute is organizing a full day workshop on the topic of:

Dashboard Reporting and Analysis with Power BI (AI integrated)

Date	: June19, 2025
Time	: 09:00 am to 05:00 pm
Tea Breaks	: Two times
Break Lunch & Prayer	: 01;00 pm to 2:00 pm
Venue	: Institute's premises located at NIC Building 6th Floor, Abbasi Shaheed Road Shahrah-e-Faisal, Karachi
Participation fee	: Rs. 16,000 + Tax per person
Workshop Facilitator	**: Mr. Tahir Ali** YouExcel

You are requested to please send your nominations by **June 16, 2025.** For further details / information please contact the office of the Institute.

Tabish Pervez
Customer Service Assistant

Pakistan Insurance Institute
"A company set up under section 42 of the Companies Act, 2017"

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