



INTRODUCTION TO POWER BI

COURSE EXPERT:

DANISH HASAN

Strategic Business Consultant





Course Expert:

DANISH HASAN

Strategic Business Consultant

Danish Hasan is a Supply Chain Professional with over a decade of experience. He started off his career as a Software Engineer after which he worked in diverse functions such as Finance, Production, Customer Services to eventually land in his area of passion i.e. Supply Chain. His experience covers multiple industries such as IT, Philanthropy, White Goods (Home Appliances) and Manufacturing.

During his professional career, Danish had an eye for working out data patterns and taking data driven decisions which helped him add value and achieve targets better. Learning Power BI was one such initiative which led him to conduct company wide trainings for functions such as HR, Sales and Supply Chain.

Danish has a Bachelors degree in Information Technology from University of Engineering and Technology, Pakistan, along with a Masters degree in Business Administration from Institute of Business Administration, Pakistan

Course Overview

"Data is the new oil". Over the years the importance of taking data driven decisions has increased. Businesses across the world have increased investments in digital systems and analytics to help understand their pain points and hidden opportunities better.

Data is available across all functions of an organization: production, maintenance, sales, customer service, supply chain etc. It is easy to prepare a report, however the real deal is to identify the trends, weaknesses and present them in a crisp, concise manner. Lately, the emerging trend has been visualizing and story telling.

This workshop will give a holistic understanding of a popular tool Microsoft Power BI. The project will help the participants implement and share their learnings.

Learning Objectives

On the course you will:

- ▶ **Strengthen** your understanding of the fundamentals of data analysis
- ▶ **Appreciate** the use of data in daily work and decision making
- ▶ **Confidently** pitch data analysis and data driven solutions
- ▶ **Equip** your self the necessary understanding of data visualization
- ▶ **Develop and Position** yourself as a data driven professional who can use data to find the right needle a haystack

COURSE REQUIREMENTS

Delegate must meet two criteria to be eligible for Certificate of Completion for the course:

- ▶ Satisfactory attendance - delegates must attend all sessions of the course. Delegates who miss more than 1 hour of the course sessions will not be eligible for the certificate.
- ▶ Successful completion of the course assessment.
- ▶ Delegates who do not meet these criteria will receive Certificate of Attendance. If delegates have not attended all sessions, the Certificate will clearly state the number of hours attended.

WHO SHOULD ATTEND

This course is designed for Directors, Managers, Supervisors, Team Leads, Data Analysts who are responsible planning, reporting, process improvement and running their company operations and decision makers.



WORKSHOP OUTLINE

▶ Introduction to Data Management

- What is data
- Tools for using data
- The advantage of using data
- Story telling

▶ Introduction to Power BI

- Why Power BI
- Excel v/s Power BI
- Importing Data
- Transforming Data
- Relationships

▶ Using Data Transformation

- Duplicate Columns
- Replace
- Multiple if
- Extracting Dates, Months, Years

▶ Key Visuals

- Card v/s Multi Line Card
- Table v/s Matrix
- Slicer
- Bar Chart, Pie Chart
- Data Labels

▶ Analysis Tools

- Filter Visuals
- Count and Count (Distinct)
- Measures v/s Quick Measures
- Calculate Function
- Linking Values

ABOUT THE COURSE

▶ Pre-Requisites

- None

▶ Delivery Methodology

- Online & Face to Face

▶ Course Language

- English

1-Day Workshop





OUR SERVICES

Consultancy

Training

Headhunting

AI Solutions



Saudi Arabia

2162, Ar Riyadh District,
Jeddah 23838,
Kingdom of Saudi Arabia

Pakistan

505, Amber Estate,
Shahrah-e-Faisal,
Karachi – 75350, Pakistan