

# POWER BI INTRODUCTION

## COURSE OUTLINE



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**6 HOURS**

**DELIVERY METHOD: FACE TO FACE OR VIRTUAL**

## Course Content

### Audience

This course is designed for professionals, analysts, data enthusiasts, or anyone who wishes to explore Power BI for effective data visualization and analysis.

### Pre-Requisites:

participants should have a basic understanding of data concepts and familiarity with using computer applications for data handling

### Course Objectives:

This course equips participants with fundamental skills in Power BI, empowering them to handle data effectively, create insightful visualizations, build interactive dashboards, and share their findings with colleagues.

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## Course Content

- Power BI Basics
- Overview of Power BI and its capabilities.
- Understanding the Power BI interface.
- Data Import and Transformation:
- Importing data from various sources into Power BI.
- Basic data transformation and cleaning.
- Visualizations in Power BI:
- Creating basic visualizations (bar charts, line graphs, etc.).
- Modelling data
- Introduction to Power Query
- Applied Steps
- Merging Data
- Appending data
- Working with relationships
- Working with Visuals
- Exploring available graphs and Visuals
- Formatting





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### Course Content

- Creating a Pivot style Diagram
- Using slicers and Filters
- Formatting and customizing visualizations.
- Building Dashboards:
- Constructing interactive dashboards from visualizations.
- Implementing filters and slicers for interactivity.
- Introduction to DAX (Data Analysis Expressions):
- Understanding the basics of DAX for calculations.
- Creating simple calculated columns and measures.
- Creating a Measure
- Sharing and Collaboration in Power BI:
- Publishing reports and dashboards.
- Collaborating with other users through Power BI service.

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