



MICROSOFT POWER BI DESKTOP 2 DAY

COURSE OUTLINE



01428 741 482
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 2 Days

DELIVERY METHOD: FACE TO FACE OR VIRTUAL

Course Content

Audience

This comprehensive two-day course is designed for business professionals, analysts, and data enthusiasts who want to become proficient in Microsoft Power BI Desktop.

Pre-Requisites:

No specific prerequisites are required, but participants should have a basic understanding of data concepts and be familiar with Microsoft Office applications. Access to a computer with Power BI Desktop installed is necessary

Course Objectives:

By the end of this two-day course, participants will have acquired a comprehensive skill set in Microsoft Power BI Desktop, enabling them to confidently design, analyze, and visualise complex datasets.

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Day 1: Power BI Desktop Fundamentals

- Introduction to Power BI Desktop
- Overview of Power BI and its components.
- Understanding the role of Power BI Desktop in the data analysis process.
- Getting Started with Power BI Desktop
- Installing and configuring Power BI Desktop.
- Exploring the Power BI Desktop interface and workspace.
- Importing and Loading Data
- Connecting to various data sources.
- Importing and transforming data for analysis.
- Transforming and Cleaning Data
- Utilizing the Power Query Editor for data transformations.
- Cleaning and shaping data for analysis.
- Modeling Data in Power BI
- Understanding data relationships.
- Creating and managing relationships between tables.
- Building Basic Visualizations
- Creating basic charts, tables, and matrices.
- Formatting and customizing visualizations for clarity.



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Day 2: Advanced Power BI Desktop Features

- Advanced Data Modeling and Analysis
- Implementing advanced data modeling techniques.
- Utilising DAX for complex calculations and measures.
- Time Intelligence in DAX
- Implementing time-based calculations.
- Building dynamic reports with date and time functions.
- Advanced Data Transformations
- Advanced Power Query transformations.
- Combining and merging queries for comprehensive data shaping.
- Advanced Chart Types and Interactive Reports
- Creating advanced charts and visuals.
- Building interactive reports with drill-through and bookmarks.
- Power BI Desktop and Power BI Service Integration
- Publishing reports from Power BI Desktop to Power BI Service.
- Managing and updating reports in the Power BI Service.
- Best Practices for Power BI Desktop
- Guidelines for efficient report design and organization.
- Tips for optimizing performance and user experience



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