



Power BI Intermediate

Course PBI-2

1 Days

Instructor-led

At Course Completion

This course builds on the Power BI for Excel Users to customize and utilize the more advanced features of Power BI.

Prerequisites

To ensure your success, you should have experience managing data with a spreadsheet program such as Microsoft Excel. To meet this prerequisite, you can take any one or more of the following courses:

- Microsoft Excel Level 1
- Microsoft Excel Level 2
- Microsoft Excel Power Pivot
- Data Analysis and Visualization with Microsoft Excel

Course Objectives

In this course, you will analyze and visualize data using Excel and associated tools. You will:

- Intermediate Power Query functions
- Intermediate Data Modeling.
- Clean, transform, and load data.
- Visualize data with Power BI.
- Enhance visuals to support data analysis.
- Customize and filter reports.
- Share reports and create dashboards in the Power BI Service

Course Content

Module 1: Intermediate Power Query

- Importing from PDFs
- Finding data in web pages
- Getting tabular data
- Getting data by providing an example
- Importing the contents of a folder
- Using fuzzy matching to combine disparate data sets

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- Creating custom columns in Power Query
- Common math & string operations
- Columns by example

Module 2: Intermediate Data Modeling

- Adding What-If Parameters
- Grouping and Binning
- Generating DAX with Quick Measures
- Using Time Intelligence

Module 3: Advanced Report Design

- Using report themes
- Creating your own theme
- Conditional formatting in tables and matrices
- Using drillthrough in your reports
- Adding data-driven images

Module 4: Advanced Dashboard Design

- Using dashboard themes
- Using the KPI visual
- Using the Multi KPI visual
- Adding KPIs and trend analysis with DAX
- Strategies for adding KPIs to tables & matrices
- Importing from Excel data model
- Conditional formatting