# Course Outline | Power BI Intermediate

1 day(s)

### Overview

This course is designed for existing users of Power BI user who wish to develop their skills in analysing and querying data. Students will learn how to use Power BI power tools for slicing, querying, shaping and drilling down in to data. Participants will get hands-on experience learning these skills and concepts using example data based on real world scenarios.

### Prerequisites

The student should have attended our Microsoft Power Bi Desktop Introduction course or have equivalent knowledge.

## Course Outline

Slicers

- Interactive Slicers
- Date Slicers – Dropdowns and Searches
- Number Slicers with Value Ranges
- Date Slicers with Relative Filters
- Create Reusable Field Hierarchies
- Record Grouping and Binning in Visualizations
- Analytics Lines in Visualizations
- Insight – Explain Increase/Decrease
- Forecast
- Create Measures
- Create a KPI Visualization

Drill-down

- Drill Visualizations to see underlying Data
- See Records
- Date Hierarchies
- Page Drillthrough Filters
- Show Values As and Quick Measures
- Clustering
- Creating Role Based Views
- Data Categories, Geo-Data and Maps

Querying and Shaping the Data

- Common Activities using Query Editor
- Filters
- Using Delimiters
- Transforms
- Pivot and Group By
- Creating Custom Calculated Columns
- Adding Conditional Columns
- Columns From Examples
- Introduction to DAX Expressions
- Histograms

Reports and Output Options

- Report Elements and Options
- Working with Pages
- Keyboard Shortcuts and Navigation
- Selection Pane
- Lock Objects

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- Adding Graphics
- Report Level Filters
- Bookmarks
- Spotlight
- Report Themes
- Export Power BI Data to CSV
- Create a Power BI Template

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