

Power BI Course Content  
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**Microsoft Power BI**

- o Introducing Power BI
- o Real usage of Power BI
- o The building blocks of Power BI
- o Power BI service

**Getting Data**

- o Understand Power BI Desktop
- o Starts with Power BI Desktop
- o Connect to data sources
- o Clean and transform the data with the Query Editor
- o Advanced data sources and transformations
- o Cleaning irregularly formatted data

**Modeling**

- o Introduction to modeling the data
- o Manage data relationships
- o Create calculated columns
- o Optimizing data models
- o Create calculated measures
- o Create calculated tables
- o Explore the time-based data

**Visualizations**

- o Introduction to visuals in Power BI
- o Create and customize simple visualizations
- o Combination charts
- o Slicers
- o Map visualizations
- o Matrixes and tables
- o Scatter charts
- o Waterfall and funnel charts
- o Gauges and single-number cards

- o Modify colors in charts and visuals
- o Shapes, text boxes, and images
- o Page layout and formatting
- o Group interactions among visualizations
- o Duplicate a report page
- o Show categories with no data
- o Summarization and category options
- o Z-order
- o Visual hierarchies and drill-down
- o R integration in Power BI Desktop

**Exploring Data**

- o Introduction to the Power BI service
- o Create and configure a dashboard
- o Data with natural language
- o Create custom Q&A suggestions
- o Share dashboards with the

**organization/client**

- o Display visuals and tiles full-screen
- o Edit tile details and add widgets
- o Install and configure a personal gateway

**Power BI and Excel**

- o Using Excel data in Power BI
- o Upload Excel data to Power BI
- o Import Power View and Power Pivot to Power BI
- o Connect OneDrive for Business to Power BI

**Publishing and Sharing**

- o Introduction to content packs, security, and groups
- o Publish Power BI Desktop reports

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- o Print and export dashboards and reports
- o Manually republish and refresh your data
- o Introducing Power BI Mobile
- o Create groups in Power BI
- o Build content packs
- o Use content packs
- o Update content packs
- o Integrate OneDrive for Business with Power BI
- o Publish to web
- o Completion of Power BI Guided Learning

**Introduction to DAX**

- o Introduction to DAX
- o DAX calculation types
- o DAX functions
- o Using variables in DAX expressions
- o Table relationships and DAX
- o DAX tables and filtering

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