



Microsoft Power BI (Business Intelligence) Advanced

Two-Day Course

Windows

Course Overview:

Power BI Desktop lets you create a collection of queries, data connections, and reports that can easily be shared with others. Power BI Desktop integrates proven Microsoft technologies – the powerful Query engine and data modeling, to create stunning reports with interactive data visualizations. Students will discover how to extract and transform data, expand results by connecting different data sources, and add calculations using DAX functions and queries. This hands-on course is designed to provide participants with a comprehensive understanding of the capabilities of Power BI Desktop.

Course Content:

Using Query Editor

- Understanding Shaping data
- Debugging Errors
- Combining data
- Grouping rows
- Working with Pivot and Unpivot
- Creating formulas
- Using Conditional Columns
- Adding Columns by Example
- Utilizing Query Options
- Implementing Parameters

Understanding Data Modelling

- Introduction to DAX
- Using DAX calculation types
- Understanding DAX Functions
- Using Quick Measures
- Setting up Time Intelligence
- Working with Relationships

Reports

- Creating Visual Hierarchies and Drill downs
- Implementing Slicers
- Using What if Parameters
- Creating Filters
- Applying Conditional formatting
- Using Grouping and binning
- Using Bookmarks

Best Practice Tips