



Power BI Desktop Essentials (2 Days)

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Course Objectives:

- Set up the Power BI Desktop software.
- Learn how to shape, combine and group data.
- Discover how to debug errors.
- Understand how to Pivot and Unpivot data and use formulas.
- Learn query options; create parameter queries.
- Understand Data Analysis Expressions (DAX).
- Use DAX functions in calculations.
- Understand Data Relationships.
- Create Reports using Slicers, Filters and What-if Parameters.
- Conditionally format reports.
- Discover grouping, binning and bookmarks.

This course is for students who want to extract and transform data, expand results by connecting different data sources, and add calculations using DAX functions and queries using Microsoft Power BI Desktop.

NOTE: Due to the frequency of updates to this product, this outline is subject to change.

Course Content:	
Overview	Get Power BI Desktop
Query Editor	Shape Data / Combine Data / Group rows Error Debugging Pivot and Unpivot / Create formulas Conditional Columns / Columns by Example Query Options / Parameters
Data Modelling	Introduction to DAX DAX Calculation Types / DAX Functions Quick Measures / Time Intelligence Relationships
Reports	Visual Hierarchies & Drill Downs Slicers What if Parameters Filters Conditional Formatting Grouping & Binning Bookmarks
Best Practice Tips	Tips for Using Microsoft Power BI