

Microsoft® Office Excel: PowerPivot

Excel In-Depth: Introduction to PowerPivot (PowerPivot Part 1)

Training Course Content (1 Day)

Course Objective: In this course, students will make use of the PowerPivot add-in to import data from various sources and create a dynamic report.

Prerequisites: To ensure your success, we recommend that you first take Excel Level 1, Level 2, and Excel PivotTables, or have equivalent knowledge and skills - such as knowledge of advanced features and functions.

Contact us to discuss if this class is right for you.

Lesson 1: Get Started with PowerPivot

- Explore the PowerPivot Application
- Import Data from Various Data Sources like Excel, Access or a Text file
- Refresh Data from a Data Source
- Create Refreshable Tables

Lesson 2: Manipulate PowerPivot Data

- Organize and Format Tables
- Create Calculated Columns
- Sort and Filter PowerPivot Data
- Work with Table Relationships and the Data Model

Lesson 3: Create PowerPivot Reports

- Create PivotTables from PowerPivot
- Create PivotCharts from PowerPivot
- Filter Data Using Slicers
- Present PivotTable Data Visually

Lesson 4: Introduction to DAX Measures in PowerPivot

- Differences between Calculated Columns and DAX Measures
- Create and Manage Measures
- Learn DAX Functions COUNT, COUNTA, COUNTROWS, DISTINCTCOUNT and CALCULATE
- Manipulate PowerPivot Data Using DAX Measures

Lesson 5: Perform Date and Time Sensitive Calculation in PowerPivot

- Create a Date Table
- Work with Time Dependent Data
- Handle Fiscal and Calendar Periods
- Use Time Intelligence Functions DATESYTD, DATESQTD, DATESMTD and DATEADD

Lesson 6: Distribute PowerPivot Data

- Load Data Model to Power BI
- Load Excel File to Power BI