Microsoft® Office Excel: PowerPivot

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

Training Course Content (3.5 hours)

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 Level 3, 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.

- *Excel 2016, 2013 and 2010 users: Please note that our standard class is currently taught using version 2013 due to the similarities between versions.*

Lesson 1: Getting Started with PowerPivot

- Explore the PowerPivot Application
- Import Data from Various Data Sources
- Refresh Data from a Data Source
- Create Linked Tables

Lesson 2: Manipulating PowerPivot Data

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

Lesson 3: Creating 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

- Using Calculated Columns with Measures
- Manipulate PowerPivot Data Using DAX Measures

Lesson 5: **Distributing PowerPivot Data**

- Protect Reports
  Save Reports in Different File Format

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Excel In-Depth: PowerPivot DAX Measures and Calculations (PowerPivot Part 2)

Training Course Content (3.5 hours)

Course Objective: In this course, students will build on the skills learned in PowerPivot Part 1 by using calculations and measures to enhance PowerPivot reporting.

Prerequisites: PowerPivot Part 1 or equivalent knowledge is required prior to enrolling in class, as well as having a strong understanding of PivotTables, PivotCharts, Tables and the use of intermediate to advanced Excel functions.

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

- *Excel 2016, 2013 and 2010 users: Please note that our standard class is currently taught using version 2013 due to the similarities between versions.*

Lesson 1: Introducing DAX Calculations for PowerPivot

- Creating Calculated Columns, Calculated Fields and Measures
- Understanding DAX Formulas and Syntax
- Working with Common DAX Functions

Lesson 2: Performing Date and Time Sensitive Calculation in PowerPivot

- Creating a Calendar Table
- Working with Time Dependent Data
- Handling Fiscal and Calendar Periods
- Using Common Time Intelligence Functions
- *Bonus: Students will be provided with an Excel Calendar Table creation tool for after class use.*

Lesson 3: Advanced DAX Functions

- Handling Errors in DAX
- Understanding How Drop Zones Affect Measures
- Respecting and Ignoring the Filters
- Working with Advanced DAX Functions
- Extracting Data from Tables Using Functions

Upcoming Courses:

- Introduction to Excel Power View
- Introduction to Excel Power Map
- Introduction to Excel Power Query