

Power Pivots Workshop: Prerequisites and Curriculum



About the Workshop

This Power Pivot Workshop provides hands-on training for Excel users who want to analyze data that has become too large, too repetitive, or spread across multiple tables and worksheets for traditional PivotTables. You'll learn how to connect related tables—such as sales, customers, products, employees, or transactions—and analyze them together without repeatedly using VLOOKUP/XLOOKUP or manually combining data.

You'll also learn how to create calculations that go beyond standard PivotTable options, such as year-over-year changes, percentages, totals, averages, and other business metrics that automatically update as your data changes.

By the end, you'll be able to turn multiple sets of Excel data into one connected reporting system and build faster, more flexible PivotTable reports for real-world business analysis.

Prerequisites

Software Requirements

PC Laptops only

Office 365

Microsoft Excel Desktop (Excel Online won't be supported)

Excel Skills

Pivot Table Knowledge

What are pivot tables and why are they used?

Creating and designing basic pivot tables

Filtering and sorting pivot tables (Including Slicers)

Data source and refreshing

Pivot tables navigation

Pivot calculations (Sum, min, max, average, etc.)

Topics Covered

Introduction to Power Pivot and when to use it instead of standard PivotTables

Understanding the Excel Data Model

Connecting related tables without relying on VLOOKUP/XLOOKUP

Creating and managing relationships between tables

Understanding one-to-many relationships using practical business examples

Creating custom calculations

Creating year-over-year and period-based comparisons

Building calculations for totals, averages, percentages, counts, and ratios

Creating KPIs and performance metrics
