



Microsoft® Power Pivot Data Analysis

Course Description:

This course is for students with a sound working knowledge of Microsoft Excel 2016 and general computing proficiency, including those who will be using Excel to make business decisions. Students taking this course are experienced Excel users who are seeking to advance their data analysis capabilities by using Power Pivot. Excel Power Pivot helps you organize, manipulate, and report on your data in the best way possible.

Duration: Instructor-led, group-paced, classroom-delivery learning model with structured hands on activities – 7 hours (1 day)

Course Objectives: Make use of the Power Pivot add-in to import data from various sources and create a dynamic report.

Upon successful completion of this course, students will be able to:

- Use the Power Pivot application and import data
- Manipulate data in a Power Pivot worksheet
- Create reports using Power Pivot data
- Use Data Analysis Expression (DAX) functions in Power Pivot

Prerequisite: Excel Levels 1, 2, 3, 4 or experience working with Excel 2016 and Pivot Tables.

Course Outline

Getting Started with Power Pivot

- Enable and Navigate Power Pivot
- Import data from various data sources
- Create and Manage Data Relationships

Visualizing Power Pivot Data

- Create a Power Pivot Report
- Create Calculations in Power Pivot
- Create a Power Pivot Chart

Working with Advanced Functionality in Power Pivot

- Create a Key Performance Indicator
- Work with Dates and Times in Power Pivot

Commonly Used DAX Functions in Power Pivot

- Manipulate Power Pivot data using DAX functions
- Extract data from tables using functions
- Work with time dependent data