



What-If Analysis in Microsoft Excel 2016 Course Overview

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Course Duration:

7 Hours / 1 Day

1 Working with Goal Seek

- How Does Goal Seek Work?
- Running Goal Seek
- Optimizing Product Margin
- A Note About Goal Seek's Approximations
- Performing a Break-Even Analysis
- Solving Algebraic Equations

2 Working with Scenarios

- Understanding Scenarios
- Setting Up Your Worksheet for Scenarios
- Adding a Scenario
- Displaying a Scenario
- Editing a Scenario
- Merging Scenarios
- Generating a Summary Report
- Deleting a Scenario

3 Solving Complex Problems with Solver

- Some Background on Solver
- Loading Solver
- Using Solver
- Adding Constraints
- Saving a Solution as a Scenario

4 Setting Other Solver Options

- Selecting the Method Solver Uses
- Controlling How Solver Works
- Working with Solver Models
- Making Sense of Solver's

Messages

5 Calculate Multiple Results by using a Data Table

- Data Table Basics
- Create a one-variable Data Table
- Add a Formula to a one-variable Data Table
- Create a two-variable Data Table
- Speed up Calculation on a Worksheet that contains Data Tables

6 Apply Data Validation to Cells

- Overview of Data Validation
- How to handle a Data Validation Alert
- Add Data Validation to a Cell or Range
- Adding other types of Data Validation

7 Consolidate Data from Multiple Worksheets in a Single Worksheet

- Consolidate Data by Position
- Consolidate Data by Category
- Use a Formula to Consolidate Data

8 Create an Excel Table in a Worksheet

- Create a Table in the Style you want
- Filter Data in an Excel Table
- Use Structured References in Excel Table Formulas
- Convert a Table to a Range
- Delete an Excel Table in a Worksheet

9 Split Text into different Cells

- Applying Text to Columns

10 Use a Formula to apply

Conditional Formatting

- Create conditional formatting rules with formula
- Remove Conditional Formatting
- Find and Remove the same Conditional Formats throughout a Worksheet

11 Sorting and Filtering Data by Color

- Overview of Sorting and Filtering Data by Color and Icon Set
- Using Color effectively when Analyzing Data
- Choosing the best Colors for your needs
- Walking through some Examples