



Microsoft® Office Excel: Advanced VBA Macros

Course Objective: This is the follow-up class to Introduction to VBA Macros. In this class we continue using VBA to automate Excel tasks. Explore more fundamentals of Excel VBA including effective decision making, using worksheet events, debugging and error handling.

Prerequisites: Due to the technical content, Introduction to VBA Macros is required prior to enrolling in this course. Before taking this course, you should be comfortable recording macros, finding and editing macros as well as writing basic VBA code. You should also be aware that our VBA classes are somewhat technical in nature since they involve programming. If you have any questions, feel free to contact us to discuss if this course is right for you.

Microsoft Excel Version Notice:

- Excel 2013 and earlier can be used by the student in this class. Our class is typically taught using version 2010 due to the similarities between all versions with macro features. For other version users, we point out specific interface differences. Please include a note with your registration on which version you prefer to use.
- Private Corporate training can be taught using 2007, 2010 or 2013.

Excel VBA Macros Training Course Content

- More Fundamentals of Excel VBA: The Visual Basic Editor, Objects and Properties
- Excel Objects: Object Hierarchy, Application, Workbook, Worksheet, and Range
- Variables and Constants: Data types, Variable Levels and Declaring Variables
- Loops: Types of Loops and Using Loops
- Effective Decision Making: IF/AND/OR, Select Case
- Workbook and Worksheet Events
- Debugging and Error Handling: Error Handling and Prevention
- Excel Worksheet Functions in VBA: Specific Examples
- User Forms Introduction