

Excel VBA Introduction (1 Day)

Duration: 1 Day of Training

Course Description

This day long Excel VBA programming course introduces advanced Excel users to the process of writing and editing Macros in Excel. No prior programming experience is required. You will learn how to Record a Macro, Run a Macro, create a Standard Module, create a Sub Procedure, create a Function Procedure, create an Event Procedure and much more.

Target Students

This course will appeal to students looking to be introduced to the skills necessary to apply VBA to develop macros, format worksheets, create user-interactive macros, work with multiple worksheets, and perform calculations. It may also appeal to students who already have knowledge of the basics of Excel, including how to create, edit, format, and print worksheets that include charts and sorted and filtered data.

Prerequisites

Proficient knowledge of Microsoft Excel. Knowledge of PivotTables helpful but not required.

Delivery Method

Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Course Objectives

Upon completion of the course, you will have gained an introduction to the skills necessary to apply VBA to develop macros, format worksheets, create user-interactive macros, work with multiple worksheets, and perform calculations.

Course Content

Lesson 1: Getting Started

- Introducing Visual Basic for Applications
- Displaying the Developer Tab in the Ribbon
- Recording a Macro
- Saving a Macro-Enabled Workbook
- Running a Macro

- Editing a Macro in the Visual Basic Editor
- Understanding the Development Environment
- Using Visual Basic Help
- Closing the Visual Basic Editor
- Understanding Macro Security

Lesson 2: Working with Procedures and Functions

- Understanding Modules
- Creating a Standard Module
- Understanding Procedures
- Creating a Sub Procedure
- Calling Procedures
- Using the Immediate Window to Call Procedures
- Creating a Function Procedure
- Naming Procedures
- Working with the Code Editor

Lesson 3: Understanding Objects

- Understanding Objects
- Navigating the Excel Object Hierarchy
- Understanding Collections
- Using the Object Browser
- Working with Properties
- Using the With Statement
- Working with Methods
- Creating an Event Procedure

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