Excel Macros Using VBA

What You Will Learn

Understanding Macros and Visual Basic for Applications (VBA)

What is a Macro?
What is VBA?
Common Uses for Macros
Types of Macros

Recording a Simple Macro
Why Record a Macro?
Accessing Macro-Related Commands on the Ribbon
Recording a Macro
Macro Example: Entering Text in the Active Cell

Viewing the Macro Code
Using the Visual Basic Editor
Viewing the Recorded Code
Viewing or Editing a Specific Macro

Running a Macro
Macro Example: Entering Text in a Specific Cell

Relative and Absolute References

Saving a Macro-Enabled Workbook

Using the Personal Macro Workbook

Exercise 1

Understanding Macro Security

Running Macros from the Quick Access Toolbar

Working with Sub Procedures
Understanding Sub Procedures and Functions
Some Simple Function Examples
Calling a Procedure
Editing Recorded Macros
Editing a Recorded Macro vs. Writing a New Macro

Understanding VBA’s Object Model
Defining Objects, Properties, and Methods
Getting Help in VBA
Collections of Objects