

Excel with Macros and VBA 1 – Data Navigation & Input – Workbook TOC

Macros and VBA 1: Data Input – **Excel 2007-2016**

In this workbook, when you see the image that's shown right:

- It means extra materials exist for the associated exercise
- These materials are provided as an extended learning bonus
- This training expands upon the topic included in this workbook



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1. Streamline Input by using Excel's "Data Entry" Features

- Use AutoFill to Create a Data Series or Quickly Copy Data
- Use Data Validation to Prevent or Warn of Invalid Input Data

2. Record a Macro, Run a Macro, Save/Open Macros and Macro Security

- Record a Macro, Run it and Examine its Code
- Macro Comments and Macro Run Options
- Absolute or Relative Reference Macros
- Save/Open a Macro and Security Settings.

3. Global Macros, Message Boxes, Worksheet Buttons, Non-Breakable Code and the Visual Basic Editor (VBE)

- A Global Macro is One That is Executable From Any Workbook
- Record a Global Macro to Your "Personal Macro Workbook"
- Create User Interface Message Boxes using the VBE
- Identify "Breakable Code" and Make it "Unbreakable"
- Create Non-Breakable Macros Using Relative Reference and Appropriately Scoped Range Names
- Use Worksheet Buttons to Simplify Macro Execution
- Explore the VBE's Screen Components and VBA Project Modules

4. Develop a Database Update Application and Protect What's Created

- Compare Use of a "Sheet Form" to Excel's User Form
- Create Input Form and Macros to Implement a Database Update
- Hide Macros, Hide Sheets, Protect Sheets, Protect Workbook, Protect VBA Code.

Appendix "A" – Options for Storing and Running Global Macros

Appendix "B" – VBA Code for the Complete Database Update Application

Appendix "C" – Creating a Backwards Compatible Macro