

Excel with Macros and VBA 2 – Data Analysis – Workbook TOC

Macros and VBA 2: Data Analysis – 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



Table of Contents

1. Automate Consolidation of “Standardized” Lists

- Create “Permanent Links” to Cells in External Workbooks
- Create a Macro to Consolidate Multiple Files into a Summary
- Reduce VBA Code Errors by using “Option Explicit” and “Dim”
- Create a Parameter-driven Version of the Macro that Uses Variables
- Implement User Friendly Messages to Trap VBA Run-time Errors

2. Automate Consolidation of “Non-Standardized” Lists

3. Automate Filters and Show Filter Status

- Automate AutoFilter with Worksheet Buttons
- Automate AutoFilter with Option Buttons
- Automate Advanced Filter with Worksheet Buttons

4. Automate PivotTables

- Create and Modify a PivotTable
- Database Expansion and Data Grouping
- Automate PivotTable Analysis using Macros

5. Automate Sort and Subtotals

- Automate PivotTable Sort and Subtotals
- Automate Source Data (Non-PivotTable) Sort

6. Automate Chart Creation

Appendix “A” – Macro Creation Options, File Open Path Options, For/Next Loop

Appendix “B” – How to Make Explicit Code Dynamic by Using Variables