

Excel VBA

Introduction



PREREQUISITES

- A high proficiency of Microsoft Excel is essential, or completion of our 2 day Advanced MS Excel course.

BENEFITS

At the end of the course the delegate will have covered the fundamentals of VBA, including:

- working with procedures and functions
- understanding objects
- using expressions, variables and intrinsic functions.



COURSE CONTENT

INTRODUCTION

- What is a Macro
- Recording a Macro
- Relative References
- Running A Macro
- Running A Macro From The Macros Dialog Box
- Editing A Macro With Visual Basic

ASSIGNING MACROS TO BUTTONS AND OBJECTS

- Assigning a Macro to a Button on a Sheet
- Assigning a Macro to a Drawn Object on a Sheet
- Creating A Short-Cut Key To Run A Macro

VISUAL BASIC EDITOR

- Objects
- Methods
- Properties
- Programming Tools
- The Menu Bar

EDITING MACROS

- The Visual Basic Editor
- The Project Explorer
- The Code Window
- Procedures
- Inserting Comments
- Printing a Visual Basic Module

THE RANGE OBJECT

- The Cells Property
- The Range Property

WORKBOOKS AND SHEETS

- Activating a Workbook
- Activating a Worksheet
- ThisWorkBook
- Running Code
- Run Mode And Design Mode
- Running Code From The Development Environment

THE PROJECT EXPLORER

- Using The Project Explorer

THE PROPERTIES WINDOW

- Changing A Property

USING CONSTANTS

- Excel Constants
- Variable Constants

EXCEL OBJECTS

- Objects, Properties And Methods
- Getting & Setting Properties

VARIABLES

- Using Variables In Routines

USING BASIC FUNCTIONS

- Inputbox Function
- MsgBox Function
- Using A Set Statement

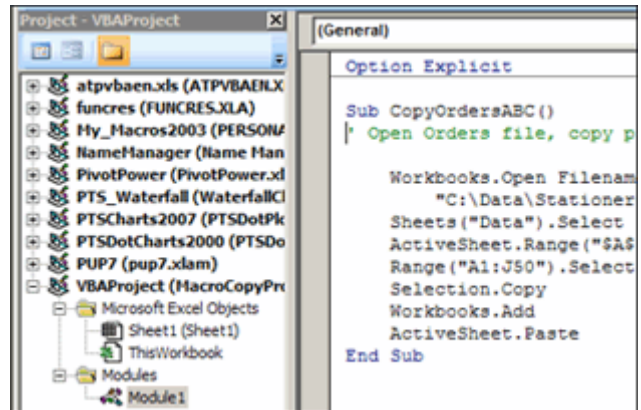


BUILDING FORMULAE CONTROL STRUCTURES

- If...Then Decision Structures
- Logical Operators
- For... Loops
- Do Loops

EVENT HANDLING

- Vba Editing & Debugging
- Auto Macros
- Error Handling



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