

Microsoft Excel VBA Part 1

Duration: 1 Day **Course Code: MSEXVBAP1**

Overview:

This course introduces delegates to Visual Basic for Applications (VBA) for Microsoft Excel. It enables them to create simple code and macros using the Visual Basic language in order to automate formatting tasks and create custom functions. It is aimed at those who have a good working knowledge of Excel, but limited prior knowledge of VBA, who want to be able to automate tasks and extend the functionality of Excel further.

Target Audience:

This course is perfect for people who wish to gain the skills necessary to create macros and custom functions and understand the terminology and behaviour of the Visual Basic language.

Objectives:

- By actively participating in this course, you will learn about the following:
- Using the Developer Tab.
- Recording and running macros.
- Swapping values in a macro.
- Creating messages.
- Understanding Workbook/Worksheet Objects and their properties.
- Understanding how to declare Range, Cell, Row, and Column Objects.
- Understanding variables such as Integers, Strings, Double and Boolean.

Prerequisites:

To ensure your success, we recommend that you have a reasonable working knowledge of Excel or have attended the courses detailed below:

[Microsoft Excel Level 1](#)

[Microsoft Excel Level 2](#)

[Microsoft Excel Level 3](#) or [Microsoft Excel Level 4](#)

Software Requirements for Virtual Classroom

If you are attending one of our Virtual Classroom courses, you will need to have Microsoft Excel 2013, 2016, 2019 or 365 (desktop version) installed on your device. You may notice differences in software if using a MAC. For the best experience we also recommend that you have two screens and a working microphone. A webcam is optional, but very much appreciated by our trainers!

Follow-on-Courses:

MSEXVBAP2 - Microsoft Excel VBA Part 2

Content:

Create a Macro	Worksheet and Worksheet Object	Offset
Swap Values	Path and FullName	From Active Cell to Last Entry
Run Code from a Module	Close and Open	Union and Intersect
Macro Recorder	Loop through Books and Sheets	Test a Selection
Use Relative References	Sales Calculator	Possible Football Matches
Formula R1C1	Files in a Directory	Font and Background Colours
Add a Macro to the Toolbar	Import Sheets	Areas Collection and Compare Ranges
Enable Macros	Programming Charts	Variables
Protect Macro	Range Object	Option Explicit
	Current Region	Variable Scope
MsgBox	Dynamic Range	Life of Variables
MsgBox Function	Resize	

InputBox Function

Type Mismatch

Entire Rows and Columns

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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