

Microsoft Excel VBA basic

During this course you will learn the fundamentals of programming with Visual Basic for Applications. You will gain skills needed to automate repetitive tasks, build user interfaces and increase performance. You can write code and develop custom-built solutions using VBA.

Course durations

The duration of the course is two days, 6 hours per day.

Audience and prerequisites

This course is designed for participants who desire to gain skills necessary to create advanced macros, audit and analyze worksheet data, incorporate multiple data sources and import and export data. If you want to participate you must at least mastered the topics of our Excel Expert course.

Summary

Visual Basic for Applications for Excel

- Visual basic editor:
 - Record and run macros
 - Create macro buttons
- Projects, modules and procedurs
- Macros and VBA
- Storing data in variables
- Object model
- File worksheets and cells in VBA

Basics in Visual basic for Applications

- Variables
- Repetitions (loops)
 - Understanding the For... Next loop in VBA
 - Make loops, While..Wend loops, make While loops, make Until Loops
- IF instruction, IF, ELSE, ELSEIF
- Arrays
- Events

Programming in VBA

- How to solve a problem in Excel with VBA

Objectmodel of Excel

- Application object
- Workbook object
- Worksheet object
- Range object

Debugging

- Avoid errors
- Debugging

VBA dialogs

- User input with Input box
- MsgBox
- Input Forms
- Run Forms