KJ TRAINING

Excel Visual Basic for Applications

What Can You Expect?
This course targets learners who require knowledge of Excel's underlying programming language, with a view to extending the functionality of macros, as well as creating functions and automating complex tasks.

What Is Required From You?
To ensure success, you should have successfully completed all Excel levels or possess the equivalent knowledge.

3 Day Course Content

Understand How VB Talks To Excel
Understand Automation
Start Microsoft Excel Macros
Record, Run and Edit A Macro
Run A Macro From Visual Basic
Step Through A Macro

Understand the VB Environment
The Code Window
The Project Explorer
The Properties Window
The Immediate Window
The Object Browser

Write Visual Basic Statements
Make Long Statements Easier To Read
Create, Declare and Assign Variables
Use Syntax Help In Visual Basic
Exit Visual Basic Transpose
Skip Blanks
Link

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Work With Excel Objects in Visual Basic
Collections, Properties, Methods And Events
Understand And Use Workbooks And Worksheets
Understand And Define Ranges
Manipulate Drawing Objects
Manipulate Charts
Use Values And Formulas In Ranges
Understand And Use Relative And Absolute
Enhancing Recorded Selection
Simplifying Selection Pairs And Groups
Manipulate PivotTables

Control Visual Basic
Use Conditional Statements
If... Then... Else
Case Statements

Create Loops
For Each Loops
For Loops
Do Loops

Extend Excel and Visual Basic
Input Boxes
Message Boxes

Work With Functions
Using Excel Functions In Visual Basic
Create Custom Functions
Add Function Arguments
Explore Volatile Functions

Developer
Handle Errors: Ignore, Check For And Trapping Errors
Launch Macros With Events
Active X Controls
Create Custom Forms
Launch A Form
Animate Objects
Package The Application