

Macros(VBA) Course description

[30 Hours]

What is this course about?

Microsoft® Macros(VBA) 2013 Advance certification enables the professionals to gain proficiency in handling basic and advanced Segregation, Consolidation and tools. This certification training helps the users to enhance their understanding of the basic tools for organizing, visualizing, calculating and managing data in MS Excel 2013. It is ideal for those who are looking to improve their job prospects and enhance their skill by adopting Excel 2013 fundamental skills and knowledge.

Key Features:

- ✓ 100% Practical Oriented Training
- ✓ Real-time Scenarios
- ✓ Placement Assistance
- ✓ Life-time Assistance
- ✓ Full-time Trainers

Course Content

1. Introduction to Macros
Introduction to Macros Introduction to VBA Importance of Developer Tab and VB window Path to get into VB window Introduction to different windows in VB 1. Project Explorer 2. Property Window 3. Code Window Types of Code windows 1. Sheet Code Window 2. Workbook Code Window 3. Module Code Window 4. Userform Code Window Enabling the Macros to run the program Saving Macro Workbook
2. Introduction to Object Model
Introduction to object Introduction to property and methods Importance of arguments Object Browser Procedures 1. Sub Procedure 2. Function Procedure Coding Structure Introduction to Cell Reference Usage of different property and methods with cells Introduction to sheet reference Usage of different property and methods with sheets Assigning Comments & BreakPoint
3. Declaration of Variables
Introduction to workbook reference Usage of different property and methods with workbook Introduction of variable declaration Importance of different data types Different levels of declaration of variables Different ways of declaration of variables
4. Loop Statements
Introduction to Message Box Introduction to Input Box Introduction to different Loop statements 1.For Next a. Forward Loop b. Reverse Loop c. Step Value 2. Multi loop
5. Decision Making Statements
Introduction to conditional statement 1. IF , AND , OR 2. Case Statement Activity on different conditional statement Activity on different conditional statement with LOOP Select case decision structure Activity on select case structure
6. Go To Command
Introduction to GOTO label command Activity on GOTO label command
7. Loops
Introduction to TO_DOLOOP DO_WHILE LOOP Activity on DO_WHILE LOOP DO_UNTIL LOOP Activity on DO_UNTIL LOOP Introduction to FOR EACH NEXT LOOP Usage of SET statement Usage of WITH Command Activity on FOR EACH NEXT LOOP
8. Data Segregation
Segregation of data in static way Introduction to Last row number and last column number Segregation of data in dynamic way Consolidation of Data in dynamic way
9. VBA & WorkSheetfunction
Introduction VBA & WorksheetFunctions Error Handling Concepts.
10. User Defined Functions
Introduction to USER DEFINED function Activities on USER DEFINED function UDF on extracting numbers UDF on extracting data
11. Recording of Macros
Record Macro Running a Macro Running a Macro from the Macros Dialog Box Creating a short key to run Macro Running a Macro with a short key Assigning a Macro to a menu or tool bar Editing a Macro with VB
12. User Forms
Designing and Creating Forms Working with controls Creating custom dialog boxes User forms properties, Methods and Events
13. Activities
Connection with Other Applications 1.Using Early Binding 2.Using Late Binding Connection with 1. Access Application 2. Outlook Application 3. Internet Explorer Real time activities