

VBA Course

Course Duration 10 Hrs

Training : Online on Zoom / Teams

A promotional banner for VBA training. It features a woman in a green jacket holding a laptop. The banner has several text elements: 'VBA MACROS DEVELOPER TRAINING' in white and orange on a dark blue background, 'CONTACT 9910060442 ASHWANI' in white on an orange diamond, 'AUTOMATE YOUR EXCEL WORK', 'REAL TIME PROJECTS', 'BECOME VBA EXPERT' in orange, and 'WEEKEND BATCH 10 HRS DURATION' in white on an orange triangle.

**VBA MACROS
DEVELOPER
TRAINING**

CONTACT
9910060442
ASHWANI

AUTOMATE YOUR EXCEL WORK

REAL TIME PROJECTS

BECOME VBA EXPERT

**WEEKEND BATCH
10 HRS DURATION**

Module 1: Introduction to VBA (60 Mins)

- **Lesson 1.1: What is VBA?**
 - Definition and applications
 - Overview of the VBA environment
- **Lesson 1.2: Setting Up the Environment**
 - Enabling the Developer Tab in Excel
 - Introduction to the VBA Editor
 - Understanding the interface: Project Explorer, Properties Window, Code Window

Module 2: Basic Programming Concepts (120 Mins)

- **Lesson 2.1: VBA Syntax and Structure**
 - Writing simple VBA code
 - Understanding Modules and Procedures
- **Lesson 2.2: Variables and Data Types**
 - Declaring and using variables
 - Common data types in VBA
- **Lesson 2.3: Operators and Expressions**
 - Arithmetic, comparison, and logical operators
 - Creating and evaluating expressions

Module 3: Control Structures (120 Mins)

- **Lesson 3.1: Conditional Statements**
 - If...Then...Else
 - Select Case
- **Lesson 3.2: Looping Constructs**
 - For...Next loop
 - Do...Loop
 - While...Wend

Module 4: Working with Excel Objects (60 Mins)

- **Lesson 4.1: The Excel Object Model**
 - Understanding the hierarchy: Application, Workbook, Worksheet, Range, etc.
 - Navigating the Object Model
- **Lesson 4.2: Manipulating Worksheets and Workbooks**
 - Opening, closing, and saving workbooks
 - Adding and deleting worksheets
- **Lesson 4.3: Working with Ranges**
 - Selecting, copying, and moving ranges
 - Reading from and writing to cells

Module 5: User-Defined Functions and Macros (60 Mins)

- **Lesson 5.1: Creating User-Defined Functions (UDFs)**
 - Syntax and structure of UDFs
 - Practical examples of UDFs
- **Lesson 5.2: Recording and Running Macros**
 - Using the Macro Recorder
 - Editing recorded macros

Module 6: Advanced VBA Programming (120 Mins)

- **Lesson 6.1: Error Handling and Debugging**
 - Types of errors
 - Implementing error handling with On Error
 - Using debugging tools in the VBA Editor
- **Lesson 6.2: Working with Events**
 - Understanding VBA events
 - Writing event-handling procedures
- **Lesson 6.3: Arrays and Collections**
 - Declaring and using arrays
 - Working with collections

Module 7: Practical Projects and Case Studies (90 Mins)

- **Lesson 7.1: Case Studies**
 - Real-world examples of VBA applications