

# MS-Excel VBA Course Content

## Curriculum

### Day 1: Introduction

- Introduction to VBA
- Analogy to understand the concept
- VBA in MS-Excel
- Macro Recordings
- Excel Object Model

### Day 2: Sub Functions & Data

- Types Sub Functions and Procedures
- Data types
- Variable Declaration
- Basic coding

### Day 3: Sub Functions & Data Types

- Working with objects and properties
- Using worksheet functions
- Handling multiple workbooks

### Day 4: Practical implementation

- Familiar with the explained properties
- Real time coding scenarios
- Small projects

### Day 5: Loops & Conditional statements

- IF, If Else, Else if, Select, etc
- For, while, etc

### Day 6: Array & Handling errors in Excel Vba

- Declaring/assigning Arrays
- Error handling techniques

### Day 7: Form & Active X Controls

- Text Box, List, Checkbox, Radio button, combo-list, etc

### Day 8: Charts

- Linking charts
- Auto generating charts
- Changing chart types and properties

**Day 9: Pivots**

- Auto generating Pivots
- Update existing Pivots
- Changing Pivot properties

**Day 10: Practical implementation**

- Working with large number of transactions
- Processing raw data
- Generating reports

**Day 11: UserForm Interface**

- Taking inputs form users with validations
- Using form controls
- Managing database

**Day 12: Windows files & folders**

- Getting list of windows files or folders
- Creating other extension files
- Renaming/deleting/updating other files

**Day 13: Practical implementation**

**Day 14: Practical implementation**



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