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VBA Macros Automation

100%

Practical Training with

10+

Real Corporate Projects



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Program Syllabus Page 1

Day 1

Concepts Clearing Class

- About VBA Macros (Intro)
- Intro of Developer Tab
- Recording & Assigning a Macro
- Understanding Difference Between (.xlsx) and (.xlsm)
- Understanding Macros Security Types
- Using Trusted Location
- Private Vs Public Macros

Day 5

Logical Statements

- Using Workbooks & Worksheets Property
- Working with MsgBox & Inputbox
- If + And + Or Logical Statements
- Validation Using If + and + Or statements
- **Project 3 – Data Entry with Diff Sheet** (Project ID: XLVBP003)
- **Project 4 – Data Entry with Diff workbook & Validations** (Project ID: XLVBP004)

Day 2 & 3

Working with Form Control in Developer Tab

(Note: Depth Knowledge of Vlookup, Index & Match Formulas is Mandatory)

- Use of Command Button
- Use of Combo Box
- Use of Spin Button
- Use of List
- Use of Option
- Use of Scrollbar
- **Project 1 – Dashboards Using Above Features** (Project ID: XLVBP001)

Day 6

Variables & Object Variables

- Variable Concept
- Declared vs Non Declared Variables
- Use of DIM (Dimension)
- Different Data Types (Integer, Long, String, Double, Date, Boolean, Variant) Etc.
- Object Variables Uses & Benefits
- OV with Sheets, Workbooks & Ranges
- **Project 5 – Data Entry with Variables** (Project ID: XLTVBP005)

Day 4

Programming Basics

- Intro of VBE Editor
- VB language Structure
- Difference Between Method & Property
- Selection Methods & Differences
- Basic Programs Using Value, End, Offset, Font, Border, Interior, Align Properties
- Use of with Statement
- **Project 2 – Simple Data Entry** (Project ID: XLVBP002)

Day 7 & 8

For Loop

- For Loops Structure & Concept
- Basic Programs Using for Loop
- Data Separation Static
- What is Steps in For Loop
- Use of Steps with for Loop
- **Project 6 – Data Separation Dynamic with Loop** (Project ID: XLTVBP006)
- **Project 7 – Invoice Generate PDF** (Project ID: XLTVBP007)



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Day 9

All Loops in VBA

- Do Loops in VBA
- Do While Loop in VBA
- Do Until Loop in VBA
- For Each Loops in VBA
- **Project 8 – Using All Above Loops (Project ID : XLTVBP008)**

Day 10

Worksheets Functions & Formulas in VBA

- Use of Excel Functions in VBA
- Vlookup in VBA
- Index in VBA
- Match in VBA
- Sumif + Countif in VBA
- **Project 9 – Using All Above Formulas (Project ID: XLTVBP009)**

Day 11

VBA Event Macros

- Intro to Event in VBA
- Worksheets Events like (Activate, Selection Change, Clicks etc.)
- Workbooks event like (Open, Activate, Deactivate, Close, After Save, Pivot Update etc.)
- **Project 11 – Using Sheet Events (Project ID: XLVBP010)**
- **Project 12 – Using Workbook Events (Project ID: XLVBP012)**

Day 12 & 13

VBA User Forms

- Intro of User Forms
- Use of Textbox, Combo Box, List Box, Option & Spin Buttons etc.
- Advance Data Entry & Data Updating Using User Forms.
- Advance Data Validation on User Forms
- User Forms with Event Macros
- Dynamic List Box and Combo Box in User Forms
- **Project 13 – User From Project (Project ID: XLVBP013)**
- **Project 14 – Dynamic List Box Project with Loop (Project ID: XLVBP004)**

Day 14

VBA Pivot Automation

- Create Pivot Using VBA
- Making Pivot Range Dynamic
- Use of Pivot Autonominations in Dashboard.
- **Project 15 – Pivot Table Project (Project ID: XLTVBP015)**

Day 15

VBA Charts Automation

- Different Methods of Adding Chart
- Working with Chart Elements
- Data Separation Static
- What is Steps in For Loop
- Use of Steps with for Loop
- **Project 16 – Making Dashboard Using VBA Charts (Project ID: XLTVBP016)**



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Day 16

VBA Directory

- Creating A folder with VBA
- Deleting A file with VBA
- Accessing Folder with VBA
- **Project 8 – Using All Above Loops (Project ID : XLTVBP008)**

Day 17

VBA Outlook Email Automation

- Outlook Object Library
- Outlook Object Variable
- Sending Automatic Emails Using VBA
- **Project 17 – Email Automation Projects (Project ID: XLTVBP018)**

Day 18

Revision Class

- Intro to Event in VBA
- Worksheets Events like (Activate, Selection Change, Clicks etc.)
- Workbooks event like (Open, Activate, Deactivate, Close, After Save, Pivot Update etc.)
- **Project 11 – Using Sheet Events (Project ID: XLVBP010)**
- **Project 12 – Using Workbook Events (Project ID: XLVBP012)**



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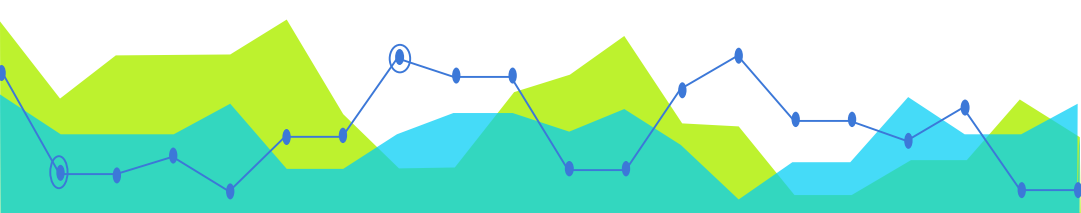
Training Duration

2 Months (Approx.)

Training Commercials

4000/- INR (If paid in single shot)

4500/- INR (Can be paid in wo Installments)



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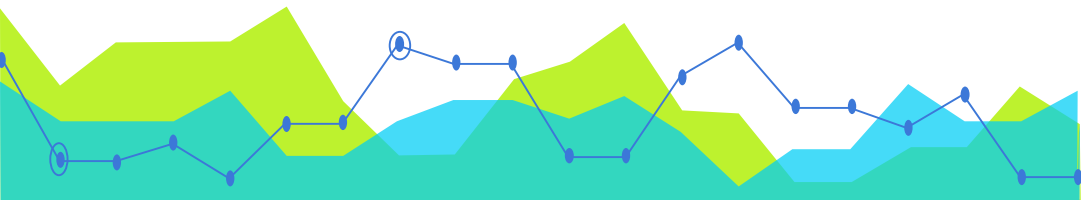
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Thank You!

We are XL Technologies

We are here because we love to
teach VBA.

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