Madhu
Founder | Chief Instructor | School of Analytics

Trainer Profile

Madhu, a highly accomplished and renowned Trainer has an extensive work experience of 15 years. He carries a wide-ranging experience with Sutherland Global Services, RELIANCE INFO STREAMS, EDUCOMP, TATA CLASS EDGE, LXL IDEAS, etc. into Corporate Training to serve as a trainer. His contribution to enriching people's experiences is supported in training with Examples, Practical takeaways, and Analytics automation. What began with a desire to train, led to the establishment of "School of Analytics" in 2011.

Having shouldered responsibilities from Training to Automation, He brings a wealth of corporate experience which reinforces his skills to impact and connect with the audiences. Madhu has above 15,000 participants across all levels from freshers to experienced.

- ✓ Logical Thinking
- ✓ Excel Automation
- ✓ One-on-One Coaching
- ✓ Training Consultant for Corporate Leaders

His efforts and excellence have been always acknowledged as a well-known Trainer and preferred by various corporate companies for his extensive knowledge in DATA Analytics Training Programs.

SUPRATISTHA
E N T E R P R I S E S

Contact

Phone   +91 99518 20263

Address   Hyderabad
               Telangana

Website   www.schoolofanalytics.in

Learn & Master VBA Macros

Classroom I Online I Corporate

VBA Macros Content

Day 01 — Introduction to Macros

Introduction to Macros, Introduction to VBA, Importance of Developer Tab and VB window, Path to gel into VB window

Introduction to different windows in VB
1. Project Explorer
2. Property Window
3. Code Window

Types of Code Window
1. Sheet Code Window
2. Workbook Code Window
3. Module Code Window
4. Userform Code Window

Day 02 — 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.

Day 03 — Declaration of Variables

Introduction to workbook reference, Usage of different property and methods with workbook, Introduction of variable declaration, Importance of different data types, Scope and ways of declaration of variables.

Day 04 — Loops

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

Day 05 — Loops with 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.
Introduction to GOTO label command, Activity on GOTO label command

Day 06 — Loops with Go To Command

Introduction to GOTO label command, Activity on GOTO label command

Day 07 — Loops & Types

Introduction to TOJDOLOOP, 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.

Day 08 — 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

Day 09 — VBA & Worksheet Function

Introduction VBA Er WorksheetFunctioris, Error Handling Concepts.

Day 10 — File Dialog Box

Selecting file & folder from different paths in a dynamic way

Day 11 — User Defined Functions

Introduction to USER DEFINED function, Activities on USER DEFINED function, UDF on extracting numbers, UDF on extracting data

Day 12 — 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

Day 13 — User Forms

Designing and Creating Forms, Working with controls, Creating custom dialog boxes, User forms properties, Methods and Events

Day 14 — Connections

Connection with Other Applications
1.Using Early Binding
2.Using Late Binding

Connection With
1. Access Application
2. Outlook Application
3. Internet Explorer

Description

Join in this course and introduces you to the simplest and logical way to understand Excel environment in detail **and master the process of automating routine tasks through the use of Excel Macros and Excel VBA.**

The training starts with Excel Introduction and its interface, how to write a **Formula in Excel and starts with basic formulas** like Sum and Count then gradually move to the complex one like 1F, IF with And, IF with OR, Nested IF. Then it will cover the whole Lookup Functionality. Financial Functions will be covered thereafter with Date & Time Functions.

It will also cover the basics to advance of Excel Charts, **types of charts** in Excel {e.g. Column, Bar, Line, Pie, Pie of Pie, Bar of Pie, Area, bubble chart etc.)

Data Validation, What-if Analysis

During this course you will build basic to advance working with Excel Macros and VBA. This course will be built as you engage and participate in project based Excel Macro/VBA exercises, detailed throughout the lectures within this course. Each of the projects will build upon one another, introducing a new concept each lime, starting with the basic building blocks of automating any task within Excel and ending with a fully customized Excel VBA project that will automate a series of Excel tasks.

As you engage and participate in this course, you will be introduced to the wonders of creating simple Macros through the Macro and then quickly **take you into the world of Excel VBA where you will experience building a more dynamic, robust experience for yourself and your peers.**

Below are a few samples of the projects you will complete by enrolling and participating in this course.

- ▶ Interact with the users of your Macros through Input and Message boxes in order to receive input on how a Macros should work
- ▶ Cleaning up multiple Excel Worksheets and prepare the data to be reported on
- ▶ Create a report based on multiple sets of data found within multiple Excel Worksheets, copying data from one Worksheet into the Master Report Worksheet
- ▶ Automate the creation of Excel Formulas to SUM data up in your Report
- ▶ Working with Excel VBA User Forms

Each of these projects will direct you through key Excel VBA programming concepts and direct you to identify and use best practices in creating Excel Macros.

Who this course is for?

- ▶ MIS Aspirants.
- ▶ Management Graduates.
- ▶ Want Data Management Expertise.
- ▶ Want a career in MIS, Data Analytics & Data Management
- ▶ This Excel Macro/VBA course is meant for those that use Microsoft Excel and are looking to become more efficient by automating their daily Excel tasks. No prior programming experience is required.

Testimonials