

Excel & VBA Dashboard Skills

1 Introduction:

- ◆ Introduction to dashboards
- ◆ Background work of dashboards
- ◆ Introduction to Advance formulas in excel
- ◆ Dashboard formulas

2 Background work of Dashbaords:

- ◆ Advance Excel formulas in excel
- ◆ Dashbord formulas
- ◆ Nesting formulas
- ◆ Background analysis

3 VBA objects:

- ◆ Introduction to VBA objects
- ◆ VBA objects
 - Form Control & Activex control
 - Combo box
 - Botton
 - Check box
 - Spin Botton
 - List Box
 - Option Button
 - Group Box
 - label
 - Scroll bar
 - Text field
- ◆ Application of VBA objects
- ◆ Excel formulas to work with VBA objects
- ◆ Linking the VBA objects with Formulas

4 Worksheets And Workbooks:

- ◆ Dealing with worksheets
- ◆ Dealing with workbooks
- ◆ Protection of Workbook and worksheets
- ◆ Handling columns and rows dynamically
- ◆ Visibility of data

5 Application:

- ◆ Background work before application
- ◆ Application of formulas and VBA objects
- ◆ Dynamic application of things
- ◆ Linking VBA objects with formulas dynamically

6 Charts and Tables:

- ◆ Tabulation Techniques
- ◆ Introduction to charts
- ◆ Types of chart

- Column chart
- Bar chart
- Line chart
- Pie chart
- Area chart
- Scatter chart
- Candle stick chart
- Surface chart
- Doughnut chart
- Bubble chart
- Rader chart
- ◆ Application of charts
- ◆ Advance charts and its techniques
- ◆ Suitability of chart in different situation
- ◆ Nesting of different charts into one

7 Linking VBA objects , formulas with charts:

- ◆ Dynamic charts
- ◆ Linkage between charts and VBA objects
- ◆ Using formulas to prepare charts
- ◆ Formulas to link charts , table, and VBA objects.

8 Analysis:

- ◆ Different ways to analyse the data
- ◆ Multiple ways to represent the data
- ◆ Using VBA to analyse
- ◆ Building Decision tree

9 Beautification of Dashboard:

- ◆ Preparing dynamic dashboard
- ◆ Coloring the dashboard
- ◆ Tools for beautification
- ◆ Hiding and protecting the Sheets

10 Preparing 10 Live Dashboards in Classroom

- ◆ Statistical data analysis
- ◆ Manufacturing data analysis
- ◆ Customer data analysis
- ◆ Suruvy analysis
- ◆ Talent data analysis
- ◆ Software data analysis
- ◆ Social media data analysis
- ◆ Sales data analysis
- ◆ Decision tree building
- ◆ Financial data analysis