

## Microsoft Visio with VBA

2 days

Course Overview: Microsoft Visio is a powerful diagramming tool that enables users to create a wide range of visual representations, including flowcharts, network diagrams, organization charts, and many more. With the help of macros, users can automate tasks and add interactivity to their Visio diagrams. Here's a possible course content for Visio with Macro:

1. Introduction to Visio and Macro:
  - Overview of Visio and its features
  - Introduction to macros and their benefits in Visio
2. Creating Basic Visio Diagrams:
  - Creating simple shapes and connectors
  - Working with stencils
  - Adding text and formatting shapes
  - Using layers to organize diagrams
3. Introduction to VBA in Visio:
  - Understanding the VBA environment
  - Creating, editing, and running macros
  - Using the Macro Recorder to automate tasks
4. Basic VBA Programming in Visio:
  - Understanding variables, data types, and procedures
  - Working with conditional statements
  - Using loops to iterate through collections
5. Advanced VBA Programming in Visio:
  - Manipulating Visio objects programmatically
  - Handling events and using event procedures
  - Creating user forms for interactivity
  - Working with external data sources
6. Best Practices and Tips:
  - Debugging and error handling
  - Managing macro security
  - Tips for optimizing macro performance.
  - Using the Visio SDK to extend Visio's capabilities.