

# Excel VBA & Power Query - Course Syllabus

Duration: 3 Months

Category: Advanced Excel

## Module 1: Advanced Excel Fundamentals

- Advanced formulas and functions
- Data validation
- Conditional formatting
- Pivot Tables and Pivot Charts

## Module 2: Introduction to VBA

- VBA Editor (VBE)
- Recording and editing macros
- Variables, data types, and operators
- Procedures and functions

## Module 3: VBA Programming

- Loops and conditional statements
- User forms
- Error handling
- Working with worksheets and workbooks

## Module 4: Excel Automation

- Automating reports
- File handling using VBA
- Email automation
- Data processing automation

## Module 5: Power Query

- Importing data from multiple sources
- Data cleaning and transformation
- Merging and appending queries
- Query optimization

## Module 6: Dashboards & Projects

- Interactive dashboards
- KPI reporting
- Real-world automation projects
- Final project implementation

## Course Features:

VBA Programming, Macros, Power Query, Automation, Dashboards