An Excel macro is a sequence of instructions that automates some aspect of Excel so that you can work more efficiently and with fewer errors. Macros are written in VBA, which stands for Visual Basic for Applications.

Prerequisites: You should have completed Excel Basic and Intermediate or have the equivalent knowledge. The ideal candidate has experience working with data in Excel, along with familiarity with the basic concepts of data analysis such as working with tables, aggregating data, performing calculations, and creating charts.

Getting Started with Excel Macros
  - Macro Recording Basics
  - Understanding Variables

Working with Workbooks via Macros
  - Protect a Worksheet When Closing
  - Open a Workbook to a Specific Tab
  - Open Workbook Defined by a User
  - Refresh Data Connections on Open
  - Close all Workbooks at Once
  - Print all Workbooks in a Directory
  - Prevent Closing Until Cell is Populated

Automating Worksheet Tasks with Macros
  - Add and Name a Worksheet
  - Hide All but the Active Worksheet
  - Moving Worksheets Around
  - Sort Worksheets by Name
  - Create Table of Contents
  - Zooming with a Double-Click

Selecting and Modifying Ranges
  - Enumerating Through a Range of Cells
  - Select and Format All Named Ranges
  - Inserting Blank Rows in a Range
  - Unhide all Rows and Columns
  - Deleting Blank Rows/Columns
  - Apply Alternate Color Banding
  - Limit Range Movement
  - Dynamically Set Print Area

Working with Data
  - Convert Trailing Minus Signs
  - Trim Spaces from All Cells in Range
  - Truncate Zip Codes to the Left Five

Working with Pivot Tables
  - Refresh All Pivot Tables Workbook
  - Create a Pivot Table Inventory Summary
  - Hide All Subtotals in a Pivot Table
  - Set all Data Items to Sum
  - Apply Number Formatting
  - Apply Pivot Table Restrictions
  - Transpose Entire Data Range

Manipulating Charts with Macros
  - Align a Chart to a Specific Range
  - Create a Set of Disconnected Charts
  - Color Chart Series to Match Source Cells

E-mailing from Excel
  - Mailing a Specific Range as Attachment
  - Mailing a Single Sheet as Attachment
  - Send Mail with a Link to a Workbook
  - Mail to All E-mail Contacts
  - Saving All Attachments to a Folder
  - Saving Certain Attachments to a Folder

Integrating Excel and Other Office Applications
  - Manipulating Access from Excel
  - Sending Excel Data to a Word Doc
  - Simulating Mail Merge with a Word Doc