# Introduction: (Postman basics)

## Definition

## Installation and Signup

## Postman Collection (and folders)

## Making a API request (Explain about Url field, Authorization, header, body, pre-request script and test tabs)

## Understanding the API Response (Status, status code, error messages, body, also data format in body, cookies, header, tests)

## Postman Variables (Environment, Global, Collection)

## Importing and Exporting (Collection and Environment)

# Test Scripts:

## Basic Introduction to test and test script

## Accessing data from response body (Normal and array format)

## Snippets (explain most used snippets briefly)

## Relating JS codes (most used only like for loop, if condition)

## Set and Get Variables (explain about the code for set and get)

## Passing/Using variables (in Url, header, body and test scripts)

## Using Multiple tests in one Request

## Checking Test Response and Error Debugging. (About the test results tab in response section and how to view the error message if the test script is incorrect)

# **Data File**:

## Introduction to data file

## Creating a data file (csv and json format)

## Using/Passing Data File. (in body, header ….)

# **Collection Run**:

## About Collection Runner

## Selecting Collection in Collection Runner

## Using Environment in Collection Runner

## Running Multiple Iterations.

## Delaying Requests

## Working with Data File. (How to pass data file)

## Starting the Collection Runner

## Checking and Debugging the Collection Runner Result (Checking the request parameters like request/response header, body etc.)

# **Running the Collection in Command prompt and Report Generation**

## Introduction to Newman (for running in cli and report generation)

## Newman Setup (how to install Newman)

## Running Collection in Newman (Execution, explaining about the basic codes) used)

## Some additional code in Newman (List some addition codes in Newman which are not used frequently in Newman)

## Viewing Newman Results. (reports in html, json, junit and in cli)