Course duration

- 1 day

Course Benefits

- Learn how to maintain quality.
- Learn how to perform test case management.
- Learn to run tests.

Course Outline

1. Test Case Management
   1. Defining and maintaining quality
   2. Acceptance criteria and acceptance testing
   3. Azure DevOps Services overview
   4. Azure Boards overview
   5. Configuring a team project for testing
   6. Planning and running tests during a sprint
   7. Charts, reports, and notifications
   8. Extending Azure Test Plans
   9. Hands-on
2. Test Planning
   1. Test case management
   2. Creating test plans and test suites
   3. Creating and using configurations
   4. Creating and managing test cases
   5. Using parameters and shared steps
   6. Importing and exporting test artifacts
   7. Managing test cases with the Grid View
   8. Hands-on
3. Running Tests
   1. Azure Test Runner
   2. Testing a web application
   3. Testing multiple times with different data
   4. The Test and Feedback extension
   5. Capturing screenshots and video
   6. Reporting a bug during testing
   7. Using and interpreting the Progress Report
   8. Viewing and charting a test run
   9. Exploratory testing overview
   10. Performing exploratory testing

11. Creating a test case while exploring
12. Using Azure Test Runner to test a desktop app
13. Regression testing
14. Hands-on

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this Azure DevOps Services class:

- Software testing experience.