

QA Fundamentals:

Welcome to the course!

QA Fundamentals is aimed at helping individuals to kickstart their QA career. This course will help you with understanding industry standards regarding QA processes.

I am Bisma Latif. I am working as a Test Engineer in the industry. There has been a massive gap between the QA industry and academia. Fresh graduates often feel confused when they land their first interview for a QA position.

QA Fundamentals course will help you begin your QA career with all the basic knowledge you need.

Module 1

- Introduction
 - What is QA
 - Why there is a need for Quality Assurance
 - Quality Control
 - Quality Assurance vs Quality Control
- Course & Instructor Intro - Bisma Latif

Module 2

- Fundamentals of SQA
 - What is Testing
 - Why software testing and quality assurance is necessary
 - 7 testing Principles
 - Test Process

Module 3

- Testing Levels
 - Introduction
 - Unit testing
 - Component testing (functional and non-functional requirements)
 - Integration testing
 - System testing
 - Acceptance testing

Module 4

- Requirement Analysis and Test Planning
 - Requirement Analysis
 - User Stories
 - Estimations
 - Test Plan

Module 5

- How to write test cases
 - What are test cases
 - How to write test cases
 - Test case design and example test cases
 - Environment set up
 - Test Case Writing [using Excel]
 - Test rail for test case management

Module 6

- Bug Reporting
 - What is a bug
 - What is bug reporting
 - Effective bug reporting
 - Example of bug reporting

Module 7

- Essential Testing Deliverables
 - Introduction
 - What is Smoke run, regression run, and test run
 - Report Generation using test management tool
 - Release Notes
 - Release Notes Example
- Course Summary