

Selenium Training With Live Project

We offer a dynamic Selenium Training With Live Project course aimed at providing students with a comprehensive understanding of Selenium automation testing in real-world scenarios. This program immerses participants in hands-on learning experiences with live projects, allowing them to gain practical proficiency in Selenium WebDriver, TestNG, and other essential automation testing tools and frameworks. By the course's end, graduates are well-equipped to tackle the challenges of automated testing and contribute effectively to software quality assurance efforts.

Course Duration : 45 Days

Course Language : English/Hindi/Telugu

Classroom : Offline/Online Training/Hybrid Training

Description

The Selenium Training course is a comprehensive program designed to equip individuals with the skills and expertise needed to master Selenium, a powerful open-source automation testing tool widely used for web application testing. Ideal for software testers, quality assurance professionals, developers, and anyone interested in automation testing, this course provides hands-on training in Selenium WebDriver, Selenium Grid, and related technologies.

Throughout the course, students will learn how to automate web application testing using Selenium WebDriver, gaining practical experience in writing robust and maintainable automated test scripts using various programming languages such as Java, Python, or C#. They will explore key Selenium features and functionalities, including locating web elements, interacting with web pages, handling dynamic content, and performing advanced actions like mouse movements and keyboard inputs.

Moreover, the Selenium Training course covers essential topics such as test framework design, page object model (POM), test data management, and reporting, enabling students to build scalable and maintainable automation frameworks for their projects. Additionally, students will learn how to integrate Selenium tests with continuous integration tools like Jenkins and version control systems like Git, ensuring seamless automation testing within the software development lifecycle.

By the end of the course, students will be proficient in using Selenium to automate web application testing effectively, reducing manual effort, increasing test coverage, and improving the overall quality of software products. With their newfound skills in Selenium, students will be well-equipped to tackle the challenges of modern software testing and excel in their careers as automation testing professionals.

Skills you get

- Selenium WebDriver Proficiency
- Test Script Development in Java/Python/C#

- Framework Design and Implementation
- Handling Dynamic Web Elements
- Integration with TestNG/JUnit
- Cross-browser Testing Automation

Course Contents

Selenium Components & Object Identification

Automation Testing Overview & Process

- What is automation testing
- Why automation testing ?
- Difference between manual & Automation Testing
- Drawbacks of manual testing
- Advantages of Automation Testing
- When to start Automation Testing

- Tool Evaluation or POC

Types of Automation tools

- Licensed Tools

- Open Source Tools

Test Automation Fundamentals

- Automated Testing
- Benefits of Automation Testing
- Limitations of Automation Testing

Automation Testing Tools

- Test Automation Tool Evaluation
- Introduction to Selenium
- Difference between Selenium and QTP

- Why Selenium is Preferred

Selenium Components

- Selenium IDE
- Selenium RC
- Selenium WebDriver

- Selenium GRID

Object Identification/Locators

- Introduction to element locators
- Types of Element Locators
- How to use name,id,class properties
- Writing Xpath Manually
- Types of Xpath
- When to use xpath
- Xpath with attributes
- How to use tagname
- Locating using linktext,partiallinktext
- findElement & FindElements

- Element locators on different browsers