

Selenium Testing Course content

1. Introduction to Testing

2. Introduction to Automation Testing

3. Types of Automation Tools

- Functionality Testing Tools
- Performance Testing Tools
- Test Management Tools

4. Introduction to Selenium.

- What is Selenium.
- What is the use of selenium.
- When selenium can be useful in testing.
- Features of Selenium.
- What is the difference between Selenium and QTP.

5. Selenium Components.

- Selenium IDE.
- Selenium RC.
- Selenium Grid.

6. Downloading selenium IDE From Mozilla.

- Recording the scripts.
- Running the scripts.
- How to Save the recording script.
- Object Identification.
- Difference between Test case and test suit.
- Languages supported while recording.
- Synchronization in Selenium IDE.
- Testing Vs Selenium IDE
- When to use Selenium IDE
- How to run the recorded script against other browsers.
- Why companies are not using recording tools.

7. Creating the Environment for Selenium RC.

- Creating the generic scripts in selenium.
- Creating the scripts by using functions.
- Running the scripts in Eclipse.

- Inheritance
- Browser commands with examples.
- Interactive commands with examples.
- Information commands with examples.
- Validation commands with examples.
- How to take data from excel sheets.

8. Why should we use excel sheets.

- How to take large no of data from excel sheets.
- How to export data to an excel sheets.
- Export large no of data to an excel sheet.
- How to export results after completion of execution the script.
- How to use Eclipse.
- Debugging the scripts.
- Maintaining the synchronization points.
- How to handle Popups and alert messages.

9. Developing the reusable script for any project.

10. Automation life cycle.

11. Validations.

- What is Validation?
- What is the use of validations in Automation testing?
- When we use validations in Realtime project.
- How to use Validations.

12. Framework.

- What is Framework?
- Types of Frameworks.
- What is modular framework?
- What is Data Driven framework?
- What is Keyword driven framework?
- What is Hybrid framework?
- Use of Framework.

13. Object repository.

- What is object repository?
- How to use object repository in framework.
- What is the use of maintain Object repository.
- Types of creating object repository.

14. Result Analysis.