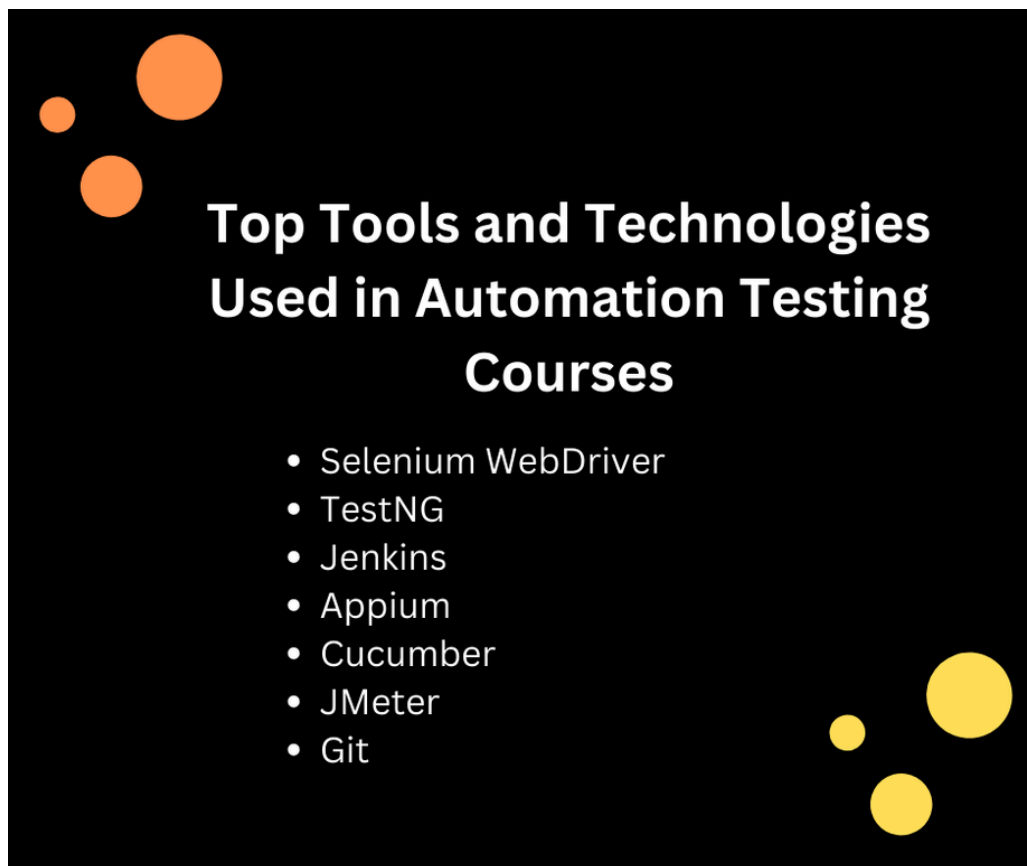




# Top Tools and Technologies Used in Automation Testing Courses

Automation testing courses use a variety of tools and technologies to help students learn and practice automation testing. Here are some of the top tools and technologies used in [automation testing course](#):



**Selenium WebDriver:** Selenium WebDriver is a popular open-source tool for automating web applications. It supports multiple programming languages and integrates with many testing frameworks.

**TestNG:** TestNG is a testing framework for Java that is commonly used with Selenium WebDriver. It supports parallel test execution, data-driven testing, and test configuration through XML files.

**Jenkins:** Jenkins is an open-source tool for implementing Continuous Integration and Continuous Deployment (CI/CD) pipelines. It can be used to automate building, testing, and

deploying software.

**Appium:** Appium is an open-source tool for automating mobile applications on iOS and Android platforms. It supports multiple programming languages and can be used with a variety of testing frameworks.

**Cucumber:** Cucumber is a behavior-driven development (BDD) tool for testing that supports natural language specifications. It allows developers and non-developers to collaborate on testing scenarios.

**JMeter:** JMeter is an open-source tool for load testing and performance testing of web applications. It can simulate a large number of users and transactions to test application performance under stress.

**Git:** Git is a version control system used to manage source code changes. It is commonly used in automation testing courses to manage test scripts and test data.

By learning and practicing with these tools and technologies, automation testing students can gain valuable skills and knowledge that will help them succeed in the industry.