



SDET
UNIVERSITY

Selenium WebDriver

Automation Testing

- Building a test framework
- Manage regression testing and functional testing
- Continuous integration / continuous development
- Behavior-Driven Development with Cucumber

Selenium Suite Introduction

- Tool to **automate web browsers**
- This is a framework that runs in a browser and can be used to automated **UI test cases**
- Can be used with many languages
- Can **simulate a real user** experience on a web page and then **validate the check points**

Why Selenium?

It is open source

Platform independent

Supports multiple languages

Java, C#, Python, Ruby etc



The Selenium Suite

Selenium IDE

- Record and Play
- Only be used with Firefox
- Good tool to quickly start tests

Selenium WebDriver

- Automate tests with programming scripts
- Supports multiple OS, browsers and language

Multiple Browsers

Selenium Supports UI testing
across many browsers.

Additional references for specific browsers
must be installed using

