

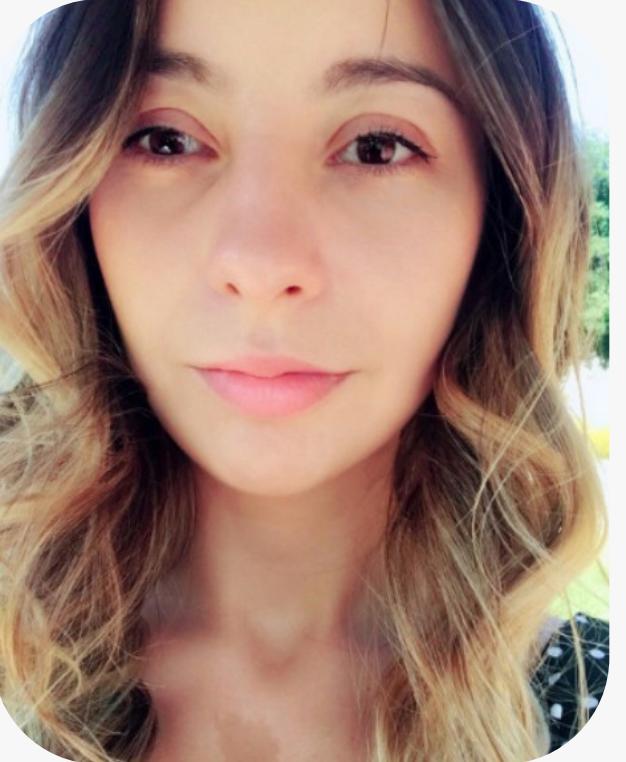


Lesson 1. QA Automation

- About the Course → Environment setup
- Python3 / PyCharm + Selenium WebDriver + Behave.
- GitHub project creation → GIT setup and usage.

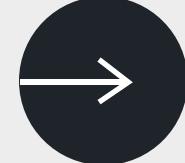
Teacher

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Lana Levinsohn

10+ years in all kinds of manual
and automated testing



[Linkedin](#)

Before we start....

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Syllabus is here.

We will have lessons on Saturdays and Thursdays (starting from the 2nd week).

All course communication will happen over Slack.

[Click here to sign up.](#)

Our support managers are Nikhil Ch and Jefferson Montilla.

If you have any questions or technical issues, you can find them in Slack. Please don't hesitate to ask questions.

If you haven't signed the contract yet, please do so, only the 1st lesson is free.

If you need to sign the contract or you want to know the details about your contract, please contact Nikhil over Slack.

If you still haven't submitted the Admission Test - [please take a test here.](#)

What is Test Automation?

Test automation is a method of software testing that leverages automation tools to control the execution of tests.

Benefits:

- Fast / Saves time
- Reliable / Reduces Human Error
- Reusable
- Cost Reduction
- Increase of test coverage

Web Automation, what do we need to start?

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- Web Browser (Chrome, Firefox, etc.)
- Driver of a browser (ChromeDriver, geckodriver, etc.)
- Selenium (or other frameworks)
- Programming language: Python, Java, JS, etc.
- IDE (PyCharm, IntelliJ IDEA, etc.)
- Source code management system (i.e. git)

SETUP INSTRUCTIONS



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Selenium

<https://www.selenium.dev/>

What is Selenium?

Selenium is a suite of tools for browser automation

What can Selenium do?

Selenium automates browsers

Is it a testing tool? No

What is Selenium WebDriver?

A collection of language specific bindings to drive a browser

W3C WebDriver:

<https://www.w3.org/TR/webdriver/>

Homework

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HW instructions

Questions?



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to the next level