# Selenium + Python Interview Preparation Kit

## Selenium Basics

- Selenium WebDriver definition
- WebDriver architecture
- Locators and types
- XPath vs CSS
- Implicit vs Explicit wait

## Python + OOP Essentials

- Classes, objects, inheritance, polymorphism
- Exception handling
- File handling (Excel, JSON, CSV)

## Framework (Pytest + POM)

- Page Object Model
- Fixtures, conftest.py
- Reports: pytest-html, allure
- Parallel execution

## Advanced Selenium

- Handling windows, frames, alerts
- StaleElementReferenceException
- Headless testing
- Browser DevTools Protocol

## Top Interview Questions

- Explain your automation framework
- Dynamic XPath creation
- Common exceptions
- How you handle failures