LEARN TODAY AND LEAD TOMORROW

Types of Test Automation Frameworks

- Modular Testing Framework
- Data Driven Testing Framework
- Keyword Driven Testing Framework
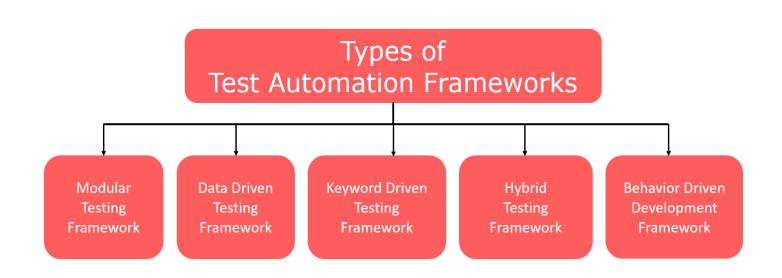- Hybrid Testing Framework
- Behavior Driven Development Framework

Overview

Let eMexo Technologies **Best Selenium with Python Training in Electronic City Bangalore** take you from the fundamentals of Python to Advance Selenium and make you an expert in automating real-time applications. Here are the major topics we cover under this Selenium with Python course Syllabus **Introduction to Selenium, Installation and setting up the environment, Python Basics part-I, Python Basics part-II, Python Basics Part-III (OOPS Concept), Python Basics Part-IV, Selenium IDE, Working with Docker Part II, Verifications and Assertions, Locators, Web Driver Part-I, Web Driver Part-II, Web Driver Part-III, Web Driver Part-IV, PyTest Framework, PyUnit Framework, Data Driven Testing, and Page Object Model(POM).** Every topic will be covered in the most practical way with examples for our Selenium with Python Course in Electronic City Bangalore.

All the topics will be covered with Practical and hands-on training. Our trainers have industry experience with live project experience in cutting-edge technologies which they teach. We hire only Best Selenium with Python industry specialists as trainers for our **Selenium with Python Certification Training in Electronic City Bangalore**.

If you are looking for **Selenium with Python Certification Course in Electronic City Bangalore**, eMexo Technologies is the **Best Selenium with Python Training Institute in Electronic City Bangalore**. Come over to our training institute for a free demo class. Let our trainer give you a demo on Selenium with Python and only then you take the decision to enroll in the training program.

Training Features

Real-life Case Studies

Do a real-life case study to understand the usage in real-world scenarios.

Assignments

Each class will be followed by a practical assignment switch that can be completed before the next class.

Preparation for interview

Our trainers are professionals working in multinational corporations. They are experts in their field and they know exactly what the interviewer will look for in the candidate. Experienced trainers not only share interview questions but also conduct mock interviews to help prepare for the actual interview.

Key Features

eMexo Technologies offers the **Best Selenium with Python Training Course in Electronic City Bangalore** with the TOP industry expert trainers.
Here are the key features.

★ Free Demo Class Available

★ Practical Approach

★ Expert & Certified Trainers

★ 100% Job Oriented Training

★ Real World use cases and Scenarios

★ Completed 500+ Batches

★ Certification Guidance

Unit 1: Introduction to Selenium

➢ Why Automation Testing

➢ Introduction to testing Lifecycle

➢ Introduction to Selenium components

➢ What was Selenium 1.0&2.0

➢ Introduction to Selenium

➢ Introduction to Automation Testing

➢ Scope of Selenium Training

➢ Selenium 3.0

➢ Selenium 1 V/s Selenium 2 Vs Selenium 3

➢ What is web driver?

➢ Why Web Driver?

Unit 2: Installation and setting up environment

➢ Installation of Python and PIP

➢ Downloading and setting up Selenium

➤ Installing Python IDE (PyCharm or Eclipse plug-in or PyScripter)

➤ Configuring the environment

➤ Hands-On

Unit 3: Python Basics part-I

➤ DevOps Tools and techniques

➤ DevOps Delivery Pipeline

➤ DevOps Ecosystem

➤ Continuous Delivery Architecture

➤ Hands-On

Unit 4: Python Basics part-II

➤ Introduction to data types

➤ Control Flows

➤ Functions and Variables

➤ Data Structures

➤ Lists & More

➤ Class Exercises & examples

➤ Hands-On

Unit 5: Python Basics Part-III (OOPS Concept)

➤ Classes

➤ Names and Objects

➤ Inheritance

➢ Iterators

➢ Generators

➢ Python Standard Libraries

➢ Hands-On

Unit 6: Python Basics Part-IV

➢ Errors and Exceptions

➢ Modules

➢ Input and Output

➢ Hands-On

Unit 7: Selenium IDE

➢ Installing Selenium IDE

➢ Recording Script

➢ Running, Pausing and debugging Script

➢ Running a script line by line

➢ Inserting commands in between script

➢ Hands-On

Unit 8: Working with Docker Part II

➢ Key commands for Docker

➢ Networking with Docker

➢ Docker Volumes

➢ Managing files

➢ Exercises and Case Studies

➢ Hands-On

Unit 9: Verifications and Assertions

➢ Introduction

➢ Verification and Asserts

➢ When to use verify and when to use assertions

➢ Extracting values from a drop down

➢ Echo, StoreEval and StoredVars Demystified

➢ Regular expressions usage

➢ Hands-On

Unit 10: Locators

➢ What are locators

➢ Types of locators

➢ Examples of using Locators

➢ Advantages and disadvantages of using locators

➢ Hands-On

Unit 11: Web Driver Part-I

➢ Introduction of Web Driver

➢ Download & configuring Web driver

➢ Architecture of selenium web driver

➢ Drivers for Firefox, IE, chrome, I-phone, Android

➢ First Selenium Code

➢ Introduction to basic commands like get/navigate

➢ Exception Handling in Selenium

➢ Hands-On

Unit 12: Web Driver Part-II

➢ Working with web page elements/Controls

➢ Dropdown

➢ Listbox

➢ Radio buttons

➢ Multi-select box

➢ Date picker

➢ Combobox widget

➢ Introducing wait – implicit and explicit wait

➢ Handling different browsers – Firefox, Chrome and Internet Explorer browser

➢ Taking screenshots

➢ Handling Java script alerts, confirmations and prompts

➢ Hands-On

Unit 13: Web Driver Part-III

➢ Working with Windows, Tabs and Frames

➢ Working with static and dynamic Web tables

➢ ACTIONS CLASS FOR MOUSE AND KEYBOARD ACTIONS

➢ Hands-On

Unit 14: Web Driver Part-IV

➢ File Upload and Download

➢ Working with Proxy APIs

➢ Hands-On

Unit 15: PyTest Framework

➢ Introduction to PyTest framework

➢ Installing PyTest

➢ PyTest Fixtures

➢ Running multiple tests using PyTest

➢ Generating Test report

➢ Hands-On

Unit 16: PyUnit Framework

➢ Introduction to PyUnit framework

➢ Installing PyUnit

➢ PyUnit Annotations

➢ Test case creations/running

➢ Assertions/ Reporting Errors

➢ Reports in PyUnit

➢ Class Exercises

➢ Hands-On

Unit 17: Data-Driven Testing

➢ Reading and writing data from Excel

➢ Writing automation scripts to use excel data

➢ Example and Exercises

➢ Hands-On

Unit 18: Page Object Model(POM)

➢ What is Page Object Model (POM)

➢ Concept of Object Repository

➢ Need for POM

➢ Page Factory

➢ Implementing POM

➢ Example and Exercises

➢ Hands-On

FAQs

1. **How is the training organized? How much percentage is theoretical and how much is practical hands-on?**

We at eMexo believe nothing beats hands-on practice when it comes to learning a concept. Our teaching methodology is 100% practical and hands-on-oriented. You learn a concept, you practice it then and there with the trainer. We also give you assignments for each topic which you can practice at home and any doubts regarding the topic can be cleared with the trainer the next day.

2. What is the course duration? How and when do you plan to complete the course?

We generally cover our courses in 30 hours, however, we are aware that we can't put a hard- stop to learning with a number. Our trainer will make sure that you have learned everything that is part of the curriculum. This could mean 28 hours or 35 hours, doesn't matter.

3. What is the material provided in the training?

We have industry standard course material which is used by our trainers to train you. At the end of the training apart from the notes which you have taken during the course, we will also provide you with the training material which was used. This training material includes the training content, interview questions, etc.

4. Do you help in preparing for the interview?

Our trainers are working professionals who work in MNCs. They are the expert in their domain and they know exactly what an interviewer looks into a candidate. Our expert trainers apart from sharing the interview questions will also conduct mock interviews to help you prepare for the real interview.

5. Who are your trainers?

Our trainers are industry experts who work in their respective technologies day in and day out. They work in MNCs and are technology experts within their organizations.

6. What is the total batch size per course?

We maintain a strict batch size of a maximum of 5 students. We also provide exclusive one-to-one training as well. Talk to our training partner to get more details.

7. Do you provide certification for the course?

Yes, at the end of training we provide a certification of completion.

8. Will I be joining a new batch or be merged with another batch?

You will be added to a new batch.

9. Is fast track training available?

Yes, we provide fast-track training as well for those who want to complete the course faster. The curriculum and the total hours required to complete the course will remain the same. However, the trainer will be spending more hours with you to complete the course.

10. Do you assist in job placement?

Our trainers are expert professionals in their organizations and they often act as the interviewer to hire new candidates. Our trainers will help you prepare your resume with industry standards. After all, they know exactly what to look for in a resume.

11. Timings for training - Regular training/weekend training

We provide both regular and weekend training. Talk to our training partner to learn more about the timings.

12. Will you be working on a live project during training?

Yes, apart from doing the hands-on practice our trainer will also be taking a real-world project and working with you for the implementation.

13. What happens if I miss a class?

If you miss a class the content of that class will be taught to you again. With us, you might miss a class but not the content.

14. Can I attend a demo before the actual class?

Yes, absolutely! Talk to our training counselor on phone at **+91-9513216462** or email us at **info@emexotechnologies.com** to arrange a free demo. You can also fill in the contact us form below and we will call you to discuss your training requirements.