

Training Course Content

Introduction to software Testing

Duration : 2 days

Languages : EN & FR

In this course, you will learn the fundamentals of software testing and the basic skills required to become a software test professional and how testing fits into software development.

You will also look into the standard terminology and discover the issues and constraints around testing. Find out what it takes to be a successful software tester and how testing can add significant value to software development projects

Learning Objectives

In this course, you will learn:

- Testing in software lifecycle
- Testing types and levels
- Testing process
- Testing tools
- ...

By the end of the course, you will fully understand testing processes and be able to identify when to begin testing during the software development lifecycle. The course will also introduce you to the verification and validation processes of testing and guide you through the most important testing levels.

Pre-requisites

This course has no pre-requisites and is open to everyone.

Audience

This course will benefit individuals who recently entered the software testing field, or people who are involved in testing activities.

- Testers of all types and levels
- Other disciplines who perform their own testing or are involved in testing (business analysts, project managers, new QA analysts, application developers, business clients).

Course Content

1. Understand what a software development project is.
2. Identify economic and technical issues.
3. Understanding what quality / cost / time is.
4. Understand the value of continuous improvement.
5. Understand how testing and requirements management contribute to product quality.
6. Make the difference between the need and the solution.
7. Understand the different types and levels of tests.
8. Know the good practices of tests.
9. Identify the basic steps of the test process.
10. Know the standards in computer systems, the security of critical systems.
11. Identify the main families of test tools.
12. Know the constraints related to the GDPR, including the concept of "Privacy by Design".

Practical exercises

This training consists of practical exercises to illustrate the subjects discussed and provides trainees with the opportunity to learn through practice.

Trainer skills

Our experts who run our training courses or those we organize with a partner are specialists in the subjects covered. They are validated by our internal teams, both in terms of business knowledge and pedagogy, for each course they teach. They have at least five to ten years of experience in their field and hold or have held positions covering business topics.