



COURSE PROGRAM

ISTQB Certified Tester Testing with Generative AI

Duration : 2 days

Format : **online or onsite**

Languages : **EN & FR**

Official ISTQB reference, a key new skill for testers

Generative AI is transforming software testing. This course teaches testers how to effectively prompt large language models for test design, understand the risks of using generative AI, and contribute to a testing strategy within their organization. Based on the official ISTQB® Testing with Generative AI syllabus, it combines theory, demos, and hands-on workshops.

Learning Objectives

This training aims to:

- Develop practical skills in prompting large language models for software testing.
- Gain insight into the risks and mitigations of using generative AI for software testing.
- Contribute effectively to the definition and implementation of a generative AI strategy & roadmap for software testing within an organization.

Prerequisites

A valid ISTQB Certified Tester Foundation Level (CTFL) certificate is required to take the exam. Basic knowledge of software testing is expected, and no prior knowledge of AI is required.

Target Audience

Anyone involved in using GenAI for SW testing

- Business Analyst and Product Owner Developer
- Test Manager and Tester
- Quality Manager
- Test centre manager
- IT director

Course Program

1. **Introduction to Generative AI for Software Testing (Day 1)**
 - Generative AI Foundations and Concepts
 - Types of AI: symbolic AI, classical machine learning, deep learning, and generative AI.
 - Prompt writing with text and images inputs.
 - Generative AI in Software Test Core Principles
 - Key LLM capabilities for test tasks

Practical Exercises

This training is 50% hands-on, with numerous exercises and practical activities. Theory is interspersed throughout the course to ensure a dynamic pace and continuous application of concepts related to AI and machine learning in software testing.