Course : ISTQB® - Testing with Generative AI

ISTQB ® Certification (CT-GenAI)
Practical course - 2d - 14h00 - Ref. IGA
Price : 1640 € E.T.

NEW

Cette formation, complémentaire au niveau Foundation, offre aux professionnels du test un parcours pratique pour comprendre comment, quand et pourquoi utiliser les LLM et autres techniques d'IA générative dans le processus de test. Elle enseigne leur intégration responsable tout en maîtrisant les risques clés (hallucinations, biais, sécurité, confidentialité, impact environnemental). Elle prépare également à la certification ISTQB® Certified Tester – Testing with Generative AI (CT-GenAI).

i INFORMATION

PLEASE NOTE: from 03/01/2026, the certification exam will no longer be held at the end of the session, but remotely and off-line, on the date of your choice (voucher valid for 1 year).

🎯 Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Understand the fundamental concepts, capabilities and limitations of generative AI
- ✓ Develop practical skills for using large language models in software testing
- ✓ Gain a better understanding of the risks and mitigation measures involved in using generative AI for software testing
- ✓ Be able to contribute effectively to the definition and implementation of a generative AI strategy and roadmap for software testing within an organization.
- ✓ Prepare for ISTQB Certified Tester - Testing with Generative AI (CT-GenAI) certification

PARTICIPANTS

Pour testeurs, ingénieurs QA, développeurs, chefs de projet, responsables qualité/IT, analystes métier et consultants souhaitant maîtriser l'IA générative appliquée aux tests.

PREREQUISITES

ISTQB® Certified Tester Foundation Level (CTFL) certification.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

Intended audience

Pour testeurs, ingénieurs QA, développeurs, chefs de projet, responsables qualité/IT, analystes métier et consultants souhaitant maîtriser l'IA générative appliquée aux tests.

Prerequisites

ISTQB® Certified Tester Foundation Level (CTFL) certification.

Certification

The ISTQB® Certified Tester - Testing with Generative AI (CT-GenAI) certification exam is included in the training course, and takes place off-line on the GASQ platform. It consists of a 40-question MCQ (46 points in total) lasting 60 minutes. Candidates whose mother tongue is not the language of the exam, or who are disabled, can benefit from an additional quarter-time, subject to a request made at least 5 days before the test. A minimum of 65% correct answers is required for certification.

Remote certifications

See the certifier's official documentation for the list of prerequisites for completing the online certification exam.

Course schedule

1 **Introduction to generative AI for software testing**

- Foundations and key concepts of generative AI.
- Using generative AI in software testing: fundamental principles.

2 **Prompt engineering for efficient software testing**

- Efficient development of prompts.
- Application of prompt engineering techniques to software testing tasks.
- Evaluate results and refine prompts for software testing tasks.

3 **Risk management for generative AI in software testing**

- Hallucinations, reasoning errors and bias.
- Risks linked to the confidentiality and security of generative AI data.
- Energy consumption and environmental impact of generative AI in software testing.
- AI regulations, standards and best practice frameworks.

4 **Déploiement et intégration de l'IA dans les organisations de test**

Déploiement et intégration de l'IA générative dans les organisations de test

- Roadmap for the adoption of generative AI in software testing.
- Managing change when adopting generative AI.

5 **Certification exam preparation**

- Question-and-answer sessions.
- Sample review.

Dates and locations

REMOTE CLASS
2026 : 30 Mar., 29 June, 28 Sep., 14 Dec.

PARIS LA DÉFENSE
2026 : 23 Mar., 22 June, 21 Sep., 7 Dec.