TRAINING

ISTQB® Certified Tester - Testing with Generative AI
Faster testing with generative AI

Course description

This 2-day training shows how generative AI can be effectively used in all phases of software testing.

The participants learn to work with current AI tools, to formulate appropriate prompts and to integrate generative models responsibly into testing processes.

Based on the official ISTQB® curriculum "Testing with Generative AI", the training combines solid fundamentals with plenty of practical exercises. This prepares the participants in the best possible way to use AI specifically to automate, optimize and accelerate their testing activities.

If desired, the ISTQB® certification exam can also be taken afterwards.

Speaker

Anne Kramer

In cooperation

Smartesting®

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Target Audience
- Testers, test managers, consultants,
- Developers, test automation engineers,
- Product managers, project managers,
- Business analysts

Requirements
- Experience in software testing (at least basic knowledge of ISTQB CT FL)
- No prior knowledge of AI required
- No programming/developer knowledge required
- A valid ISTQB® CT FL certificate is required for the ISTQB® exam

Learning objectives
- You can confidently classify the basics, possibilities and limitations of generative AI in software testing.
- You apply effective prompts for various test tasks.
- You critically evaluate AI results and address risks (hallucination, bias, security issues).
- You integrate GenAI into existing testing processes and toolchains.
- You can actively contribute to the strategy and roadmap for the use of GenAI in testing within your organization.

Academy
for applied testing

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Highlights
- Focus: The application focus of the training is on the use of generative AI in software testing.
- Learning by doing: Practical use cases are practiced in ⅔ of the time.
- Up-to-date: The training is state-of-the-art and is supported by the AI lab of Smartesting is supported.
- Access to various LLMs (Larfe Language Model) through the provided portal.
- The training prepares for the internationally recognized ISTQB® certification "Certified Tester - Testing with Generativ AI"

Languages
German, English, French

Key aspects
- Introduction to generative AI for software testing
- Prompt Engineering for effective testing
- Risk management in the use of GenAI in testing
- LLM-based solutions for software testing
- Introduction and scaling of GENAI in the test team

LLMs and AI supported tools used
Small and large models with and without reasoning capabilities from
   - openAI
   - Anthropic
   - Mistral
   - Google
   - deepSeek
The exact selection is regularly updated to reflect the latest state of the art.

Duration
2 days -14 hours

Format
Online / presence, by arrangement

Confirmation of participation
You will receive a confirmation of participation.