Master Class: AI for Software Testing (AIST)

ID AIST **Price** CHF 2,400.—(excl. VAT) **Duration** 2 days

Who should attend

- Testers, Test Analysts and Developers wanting to utilize AI to automate and assess testing tasks and artefacts
- Project Managers, Business Analysts and leaders wanting to accelerate the testing process whilst balancing responsible and ethical oversight
- Anyone looking to be skilled in AI augmentation and innovation

Prerequisites

To get the most out of this course, it is recommended that participants have foundational knowledge of software testing through formal training like our Software Testing Foundations or Agile Testing course or have relevant experience working in a software testing context.

Course Objectives

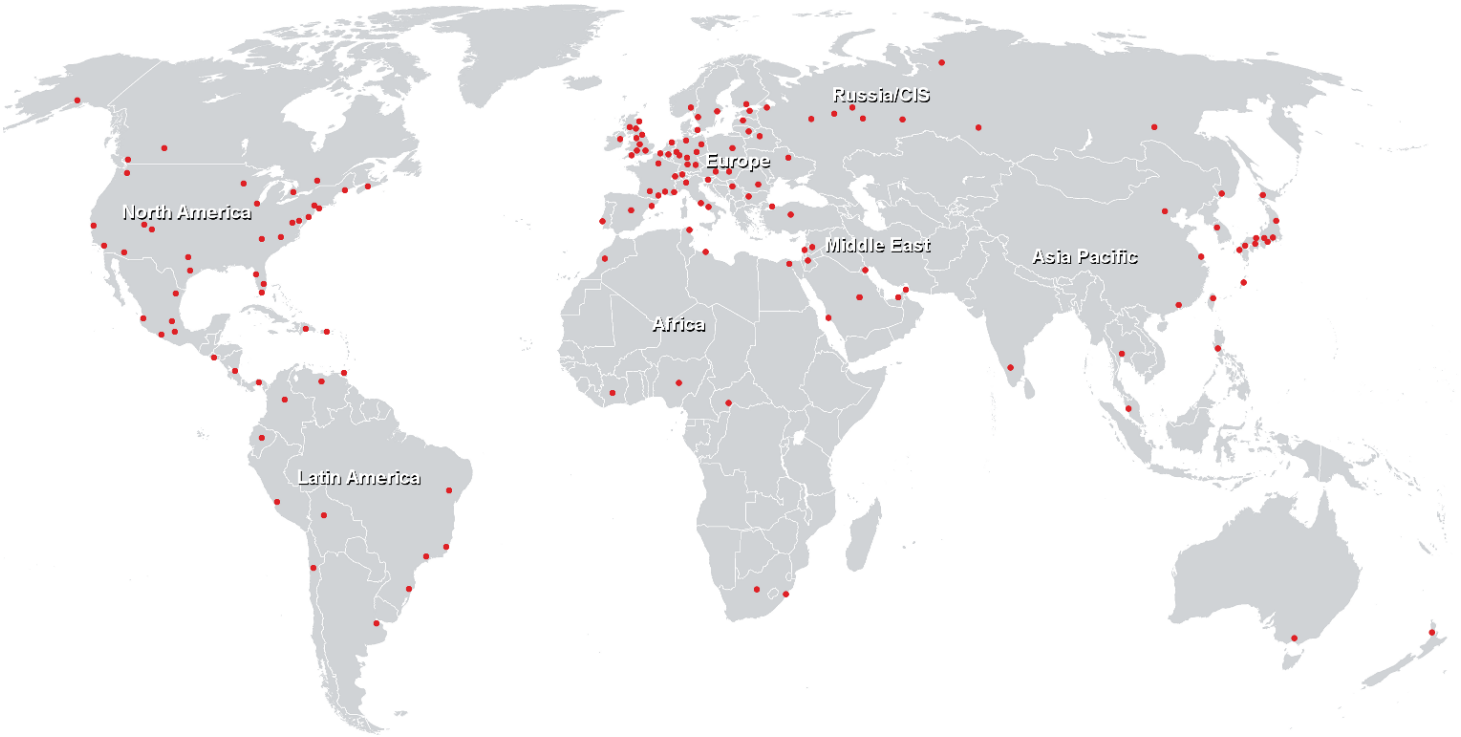
- Use generative AI to explore and understand system behavior when documentation is incomplete or unclear.
- Write prompts that describe observed behavior, constraints, and test intent clearly.
- Identify assumptions, gaps, and invented details in AI-generated test cases.
- Turn AI-generated test ideas into executable tests with clear steps and observable outcomes.
- Structure tests using partitions, boundaries, state, and sequences with AI support.
- Use AI to generate exploratory testing ideas without losing tester control or focus.
- Evaluate AI-generated nonfunctional test ideas for relevance and testability.
- Write clearer bug reports and evaluate AI-assisted summaries and metrics.
- Make informed decisions about what to automate and what not to automate.
- Create a practical plan for integrating generative AI into your own testing work.

Course Content

- Understanding AI's Role in Software Testing
- Let's Test!
- Tests as Specifications
- Test Data
- Making Tests Executable
- Stories and Scenarios
- States and Coverage
- Validating Quality Attributes
- Test Strategy and Planning
- Bug Analysis and Reporting
- Test Automation
- Integrating AI Into Your Testing

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Training Centres worldwide





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