



STF25
Italian Software
Testing Forum
MILANO 2025 MAY 21



STF2025

PROGRAM OF THE TUTORIALS

HOTEL NH MILANO CONGRESS CENTRE

May 19-20 2025



RIK MARSELIS

GenAI prompt crafting for quality engineering & testing

Monday May 19th

Full day tutorial – Language: English

REGISTER

Generative AI became known to the general public at the end of 2022. Today, after this relatively short period of time, GenAI models (such as ChatGPT, Dall-E, and dozens more) are everywhere. And it has already changed the way of how many people work.

Quality engineers are generally involved in creating IT systems with the right quality level, and demonstrating (by testing) that the IT system indeed has the right quality level.

Many of these quality engineering & testing tasks can very well be supported by GenAI tools. For example to generate test cases, and support in writing the test automation scripts. Further GenAI is good at creating reports. And many other tasks can also be done better and faster with GenAI.

But many people have also noticed that to get the results you want, you need to write a very precise prompt. Which often looks very hard. It all starts with first getting clear what you want to achieve.

In this tutorial you will work with the Crafting AI prompts framework. You will experience that with a few simple tricks you can enhance your prompt engineering skills very much, resulting in speeding up your work and achieving better results.

And the most difficult part to many people is to investigate & assess the results → has the GenAI actually achieved your goal? So we'll also pay proper attention to this!

Some people fear that AI will take over their work. I always say: AI will not take over your work, but someone who is better at using AI will take over your job...

So: bring your computer with your favorite GenAI model and come and join me in this hands-on workshop to make sure that you stay ahead of the pack when it comes to prompt crafting for GenAI!!

Rik Marselis is principal quality consultant at Sogeti in the Netherlands. He is a highly regarded presenter, trainer, author, consultant and coach who supported many organizations and people in improving their quality engineering & testing practice by providing useful tools & checklists, practical support and having in-depth discussions. His presentations are always appreciated for their liveliness, his ability to keep the talks serious but light, and his use of practical examples with humorous comparisons.

Rik is an accredited trainer for TMAP, ISTQB and TPI certification training courses, has also created many special courses and workshops and he is a fellow of Sogeti's R&D network SogetiLabs.

Rik is a co-author of the TMAP book "Quality for DevOps teams" and contributor to the www.TMAP.net body of knowledge for quality engineering & testing. Also he is co-author of the book "Testing in the digital age – AI makes the difference".

In 2022 Rik received the ISTQB Software Testing Excellence Award. A year later he received the EuroSTAR 2023 Testing Excellence Award.



FRANZ ZEHENTNER

Accessible AI in Requirements Engineering

Tuesday May 20th

Full day tutorial – Language: English

REGISTER

The goal of this workshop is to show how already existing AI tools can help along the requirements engineering process. A fictional company will be founded with an idea of an application. Various AI applications will be used with the participants in order to create the foundation for the development of the application. Development of the application itself is not part of the workshop. The participants should learn how to use existing AI tools efficiently without having to have a deep AI knowledge.

Outline

1. Introduction & Goals

Present the workshop objectives - Overview of existing AI tools relevant to requirements engineering

2. Defining the Solution Workflow

Group activity: Participants collaboratively design a solution workflow to address the fictional company's application idea - Outcome: Clear workflows aligned with the prepared requirements

3. AI Applications Overview

Present existing AI applications in requirements engineering - Discuss their potential impact on the designed workflows

4. Targeting Key Workflow Steps

Group discussion: Identify which workflow steps can benefit most from AI - Decide as a group which steps to target during the workshop

5. Applying AI Tools

Participants, working in groups or pairs, use existing AI tools to address the targeted workflow steps - Real-time guidance and troubleshooting by the instructor

6. Result Presentation & Feedback

Groups present their AI-assisted workflows and outcomes - Discuss obstacles, tool effectiveness, and lessons learned

7. Closing Discussion

Reflect on identified workflows and AI's role in improving them - Discuss practical ways to integrate AI tools into participants' own requirements engineering processes.

Franz Zehentner is Core-team member of the requirements engineering board and responsible requirements manager for a business area at Anton Paar GmbH. Incorporating advancements of artificial intelligence into daily tasks and visionary of the discipline of requirements management, Franz is Member of IREBs special interest group about AI in the field of requirements engineering and exploring the impact of AI on requirement engineers and managers. He is by dedication an enthusiastic requirements engineer. From his point of view a requirements manager is so much more than a tool maintainer but the responsible person to continuously improve all aspects of requirements engineering in a company. He believes that generative AI, LLMs, GPT and all the buzzwords have the potential to reshape the tasks at hand but do not replace human competence...



FABIO MILANESE

Selezionare uno strumento di Test con metodi tradizionali e con l'AI

Tuesday May 20th

Full day tutorial – Language: Italian

REGISTER

The purpose of the tutorial is to provide participants with the knowledge to be able to manage a selection process of a test tool both with traditional methods and with the help of AI. For the selection of these tools, most companies focus mainly on the technical and economic aspects, often neglecting to make other evaluations: training, project start-up, architecture and a whole series of hidden costs that, more or less intentionally, vendors do not highlight.

The tutorial is aimed at all stakeholders involved in the selection process for acquiring a test tool, as well as Test Managers, Test Analysts, and Testers who will contribute to a decision that is not purely technical but also takes different factors into account. The tutorial lasts the entire day and is divided into two phases: the first, theoretical phase includes an introduction to the general principles for managing a test tool selection process – the second, practical phase includes an exercise for preparing an RFI document using both a traditional approach and AI-based techniques.

No prerequisites are required to participate in the tutorial. Having basic knowledge of testing methodologies and techniques may be helpful. Outline:

Identifying the tool type: ALM – Requirements Engineering – Quality Management – Functional Test Automation – Performance Testing

The approach: Enterprise, Niche, or Open Source tools? – Analyst-driven (Gartner, Forrester, ...) – Selecting AI-based frameworks and tools for testing – What are other companies doing?

The different perspectives: Project, Process, User, Product, Supplier, Economics, Architecture

TOC – Total Cost of Ownership: License costs: Perpetual or subscription? – Maintenance costs

– Training costs – Consulting and project kickoff costs – Architectural costs – Hidden costs

POC – Requesting a Proof of Concept: Defining objectives (POC scope) – Identifying success

criteria

Using Artificial Intelligence: Selecting testing tools with the help of AI: using ChatGPT to get suggestions for choosing a test tool

Fabio Milaneze is an Electronic Engineer with over 25 years of experience in software engineering and, more generally, in the IT field, with an in-depth knowledge of the Italian ICT market. During the years of sales and pre-sales activity at multinational software vendor companies, he has personally participated in dozens of software selections, RFI/RFP, private and public tenders, announced by companies that wanted to evaluate the acquisition of software tools and solutions, in particular regarding Test and Quality Assurance.

Currently working as a freelancer, he engages in Business Development for IT companies and teaches at leading Italian academies, with main courses covering software development lifecycle processes. He is an accredited instructor for IREB® Foundation Level and ISTQB® Certified Tester – Foundation Level courses.

He is a member of the ITA-STQB Scientific Committee.



ABBAS AHMAD

Accelerating Testing Processes with Generative AI

Tuesday May 20th

Full day tutorial – Language: English

REGISTER

Learn how to effectively integrate generative AI into your software testing processes with our practical tutorial **“Accelerating Testing Processes with Generative AI”**.

Throughout this tutorial, you will explore the fundamentals of AI for testing, adopt best practices, and discover tools to optimize your testing processes.

You will develop key skills to create relevant prompts and manage error risks associated with AI models.

Learn to master conversational AI to query various LLMs effectively and integrate them into your tool chains.

Through practical exercises, you will have the opportunity to experiment with a variety of AI models and tools for testing.

Optimize your testing processes and enhance the quality of your applications by leveraging generative AI.

By the end of the tutorial, you will be able to identify the opportunities, limitations, and risks associated with the use of generative AI for testing.

Learning objectives

-  Gain a comprehensive understanding of generative AI for testing.
-  Learn effective querying techniques.
-  Discover and experiment with AI tools for testing.
-  Identify the limitations and risks of AI-augmented testing.

Requirements: Your PC.

With over six years of experience as an ISTQB® Trainer and software testing expert, Abbas Ahmad has a proven track record of delivering high-quality training and testing solutions in complex, interconnected domains such as IoT and AI.

As the CEO of Certilog FZCO, a leading software testing consultancy in the UAE, he oversees the delivery of testing services and projects for clients across various sectors and regions.

As the President of the UAESTQB, the official representative of the ISTQB® in the UAE, Abbas provides strategic leadership and direction to the Board and foster collaboration with partners and stakeholders in the testing community.

His passion for advancing the testing profession and enhancing the testing standards is reflected in his involvement in several groundbreaking research and innovation projects, such as H2020 ARMOUR, H2020 Autopilot, and H2020 SMESEC, where he has contributed to the development of testing methodologies, frameworks, and tools for IoT security, AI detection, and cyber-security.

With a Ph.D. in Computer Science and a focus on Model Based Testing for IoT web services, Abbas has a deep understanding of the technical and business challenges and opportunities in the emerging fields of IoT and AI.

He's always eager to share his knowledge and insights with others and to learn from the best practices and experiences of the industry.

Make the Most of the STF2025 Tutorial Program Attend Two Tutorials on May 19 and 20

A tutorial path is a combination of two tutorials, one on Monday, May 19th and one on Tuesday, May 20th at advantageous conditions. Three paths are planned:

Use of generative AI and selection of tools for Quality Engineering and Testing

Tutorial by Rik Marselis on 05/19/2025 and tutorial by Fabio Milanese on 05/20/2025

This path allows you to delve into the use of generative AI to support quality engineering and testing activities, for example to generate test cases, to write test automation scripts or to create reports, and to select tools that support the company in test management, test automation, test execution, etc.

[REGISTER](#)

Using Generative AI for Requirements Engineering, Quality Engineering, and Testing

Tutorial by Rik Marselis on 05/19/2025 and tutorial by Franz Zehentner on 05/20/2025

This path allows you to delve into the use of generative AI in a large part of the software development process lifecycle, both in the context of requirements engineering and to support quality engineering and testing activities.

[REGISTER](#)

Full immersion in the use of generative AI for Quality Engineering and Testing

Tutorial by Rik Marselis on 05/19/2025 and tutorial by Abbas Ahmad on 05/20/2025

This path allows you to delve more deeply into the use of generative AI to support quality engineering and testing activities, following two different experts on how to best use AI to adopt best practices and discover useful tools to optimize your testing processes.

[REGISTER](#)

TUTORIAL REGISTRATION

The registration to a single tutorial includes:

- The material of the tutorial as provided by the tutorial holder
- Buffet lunch on the day of the tutorial and the coffee break
- Voucher for a free ITA-STQB certification exam to be taken by 31/12/2025 (the voucher is not included if you register with a company voucher, free or discounted voucher)

The registration to a tutorial path includes:

- The material of the 2 tutorials as provided by the tutorial holders
- Buffet lunch on the two days of the tutorials and the coffee breaks
- Voucher for a free ITA-STQB certification exam to be taken by 31/12/2025 (the voucher is not included if you register with a company voucher, free or discounted voucher)

	LIST PRICE	EARLY BIRD (up to 15/04)	STUDENTS ACADEMICS	ITA-STQB CERTIFIED
SINGLE TUTORIAL	€900,00	€675,00	€540,00	€600,00
STF TUTORIAL PATH (TWO TUTORIALS)	€1.400,00	€1.050,00	€1.040,00	€1.100,00

The discounts cannot be combined with each other or with other promotions or discounted rates.



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