MYSkillBridge ACADEMY

DURATION **4 DAYS** MODE : ONLINE/F2F

Bridging Talent to
**Quality Engineering,
AI & Cybersecurity**

ISTQB Certified

Strengthen your software testing knowledge and skill with

Tester AI Testing (CT-AI)

Advance your career in the AI field with the ISTQB® AI Testing (CT-AI) certification, and extend your understanding of artificial intelligence and/or deep (machine) learning, most specifically testing AI-based systems and using AI in testing.

Course Outline :

Chapter 1 : Introduction to AI

Chapter 2 : Quality Characteristics for AI-Based Systems

Chapter 3 : Machine Learning (ML) – Overview

Chapter 4 : ML – Data

Chapter 5 : ML Functional Performance Metrics

Chapter 6 : ML – Neural Networks and Testing

Chapter 7 : Testing AI-Based Systems Overview

Chapter 8 : Testing AI-Specific Quality Characteristics

Chapter 9 : Methods and Techniques for the Testing of AI-Based Systems

Chapter 10 : Test Environments for AI-Based Systems

Chapter 11 : Using AI for Testing

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Who should attend:

- Testers, test analysts, data analysts, test engineers, test consultants, test managers, user acceptance testers and software developers testing AI-based systems and/or utilises AI for testing.

- Recommended: anyone who needs basic exposure on testing for AI-based systems and/or AI for testing, such as project managers, quality managers, software development managers, business analysts, operations team members, IT directors and management consultants.

By the end of the course, participants will be able to :

- Understand the current state and expected trends of AI.
- Experience the implementation and testing of aML model and recognize where testers can best influence its quality.
- Understand the challenges associated with testing AI-Based systems, such as their self-learning capabilities, bias, ethics, complexity, non-determinism, transparency, and explainability.
- Contribute to the test strategy for an AI-Based system.
- Design and execute test cases for AI-based systems.
- Recognize the special requirements for the test infrastructure to support the testing of AI-based systems.
- Understand how AI can be used to support software testing.