PSTQB
ASSOCIAÇÃO PORTUGUESA
DE TESTES DE SOFTWARE

Remote/Presential Exam

English, German & French

258,30€

Associate Price

246€

The amounts mentioned include VAT at the normal rate in force.

ISTQB® Certified Tester AI Testing

The **ISTQB® Certified Tester AI Testing (CT-AI) v2.0** certification focuses on testing AI-based systems, including machine learning systems and generative AI systems such as large language models. It provides the knowledge required to design and execute tests for AI-based systems, addressing their specific characteristics, including probabilistic behavior, non-determinism, and reliance on data. It also introduces AI-specific quality characteristics relevant to testing AI-based system

To be eligible to undertake the AI Testing certification exam, candidates must first hold the ISTQB® Foundation Certificate.

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Introduction to Artificial Intelligence

Introduction to AI

Quality Characteristic for AI-Based Systems

Quality Characteristics for AI-Based Systems

Acceptance Criteria for AI-Based Systems

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ML Functional Performance Metrics for Classification

Neural Networks

Testing AI-Based Systems

Introduction to Testing AI-Based Systems

Testing Generative AI & Large Language Models

Test Levels & Machine Learning Systems

Input Data Testing for Machine Learning Systems

Input Data Testing for Machine Learning Systems

Model Testing for Machine Learning Systems

Model Testing for Machine Learning Systems

Machine Learning Development Testing

Machine Learning Development Testing

EXAM STRUCTURE

* 29 points or more;
** Only for participants taking the exam in a language other than their mother tongue;
*** Each correct answer can have a value of 1 to 3 points.

40
Multiple-Choice Questions

60
Minutes

65%*
Passing Score

+ 15**
Minutes Additional Time

44***
Maximum Score

BUSINESS OUTCOMES

- Understand the current state and expected trends of AI;
- Experience the implementation and testing of machine learning models;
- Understand the working and testing of simple neural networks;
- Understand the specific AI quality characteristics defined by ISO/IEC 25059;
- Calculate and interpret ML functional performance metrics for machine learning models;
- Recognize the scope and importance of the two test levels that are specific to the testing of machine
- learning systems;
- Contribute to the development of an effective test strategy for a machine learning system;
- Design and execute test cases for machine learning systems.

For more information, please contact: exames@pstqb.pt

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