Artificial Intelligence | ISO/IEC 22989:2023

Understanding AI Concepts and Terminology

International Training

Number of days **1**

Course descriptive

In today's fast-paced environment, artificial intelligence is playing a greater role in both our personal and professional lives. AI can help position your place in the market, but there is a need to ensure this is done responsibly. ISO/IEC 42001:2023 is an internationally recognized artificial intelligence management system that allows you to enhance organizational performance and gain a competitive edge when using AI.

ISO/IEC 22989:2023 is a normative reference in ISO/IEC 42001:2023. Understanding the concepts that underpin this standard is vital in its effective deployment into an organization. This course will provide you with an understanding of the main concepts of AI and AI systems to complement your knowledge of management system standards.

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Agenda

Day 1

- Benefits to you, welcome and introductions
- Course aim, objectives and structure
- Module 1: Terms and definitions
- Module 2: AI concepts
- Module 3: Machine learning concepts
- Module 4: Autonomy, heteronomy and automation, and the Internet of Things and cyber-physical systems

- Module 5: Trustworthiness
- Module 6: AI verification, validation, jurisdictional issues and societal impact, and AI stakeholder roles and system life cycle model
- Module 7: AI system functional overview and AI ecosystem
- Module 8: Fields of AI and AI application
- Close of day

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Pedagogical objectives

- Understand what is needed to develop an AI system

- Understand key terms and definitions associated with AI

- Deliver the implementation or auditing of an ISO/IEC 42001:2023 AIMS

- Discuss the concepts of AI and AI systems with key AI stakeholders

Skills to be acquired

Upon completion of this training, you will be able to:

- Comprehend terms and definitions associated with AI

- Describe the AI system life cycle model

- Explain key AI concepts and principles

- Identify the main AI stakeholders and their roles

- Identify AI system functions

- Explain AI applications

Targeted audience

Anyone involved in the implementation auditing, maintaining, or supervising of an ISO/IEC 42001 AIMS, or anyone with an interest in AI systems.

Pedagogical, technical and framing means

Course materials including:

- Introduction to the training, detailed program and security assignments

- Course presentation, theory and activities/ role plays

- Answers to the activities

- Videos

- Additional documents, distributed during the sessions, to use for the activities

- Attendance sheet to be signed

Assessment specifics

- Questionnaire to assess the knowledge at the end of the training

- Customer survey

What is included?

- Course materials, provided electronically

- Letter of attestation

- Official certificate

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Prerequisites: There are no formal prerequisites, however it will be useful for delegates to read the standard before attending the course.

These training modules are eligible to the subsidizing by the public institutions in France (OPCO).

*Each delegate receives a training convention after the enrollment.

**Please note that for the public sessions, you have until 48h before the start of the course to confirm your enrollment. For the in-house sessions, the deadline would be of two weeks prior to the start of the course.

***Should you be in a disabled situation, please contact us and indicate what details should be taken into account.

You can contact us on **training.france@bsigroup.com** or **01 89 79 00 40**

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