

ISO/IEC 42001 Lead Implementer Course

Course Duration: 40 Hrs.

Course Code: ISO42001-LI

Course Overview

The ISO/IEC 42001 Lead Implementer Course is designed to provide participants with the knowledge and expertise to establish, implement, manage, and maintain an Artificial Intelligence Management System (AIMS) based on the ISO/IEC 42001 standard. The course emphasizes practical guidance on aligning AI governance, ethics, risk management, and compliance, helping organizations ensure responsible, transparent, and trustworthy AI systems.

What you'll learn?

Participants will learn how to interpret and apply the requirements of ISO/IEC 42001, develop and implement an AIMS framework, conduct risk assessments, and establish governance structures for AI systems. They will gain expertise in designing policies and controls for ethical and secure AI deployment, preparing for certification audits, and embedding continuous improvement practices in AI management.

Target Audience

This course is intended for AI professionals, data scientists, compliance officers, risk managers, IT managers, consultants, and project leaders responsible for AI governance and implementation. It is also suitable for professionals who aim to specialize in responsible AI practices and support organizations in achieving ISO/IEC 42001 certification.

Pre-Requisites

Participants are recommended to have a basic understanding of AI systems, governance, and risk management concepts. Prior knowledge of ISO management systems or completion of a foundation-level course in ISO/IEC 42001 or AI governance is beneficial but not mandatory.

Course Content

Module 1: Introduction to ISO/IEC 42001 and AI governance fundamentals

Module 2: Planning and initiating an Artificial Intelligence Management System (AIMS)

Module 3: Risk management and ethical considerations in AI systems

Module 4: Designing AI governance policies, procedures, and controls

Module 5: Implementing and managing an AIMS framework

Module 6: Monitoring, measurement, and continual improvement of AI systems

Module 7: Preparing for audits and ensuring compliance with ISO/IEC 42001

Module 8: Leading AI governance teams and fostering organizational trust in AI