



# دورة تدريبية لإتقان تطبيق معايير الذكاء الاصطناعي ISO



## دورة تدريبية للإتقان تطبيق معايير الذكاء الاصطناعي ISO

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### Course Overview:

The course provides an implementation and managing ISO/IEC 42001:2023 standards for AI Management Systems AIMS. Designed for organizations seeking to integrate AI governance and compliance, this course covers AI lifecycle management, offering actionable insights into ISO AI standards implementation, AI risk management frameworks, and AI policy development. Participants will explore key areas such as AI data governance, ethics and accountability, and AI principles for organizations. The course emphasizes the scope of AI Management Systems, detailing governance key concepts, stakeholder analysis, and the importance of aligning with ISO 27001 and other global standards. By attending, participants will gain practical expertise in AI system design best practices, continuous learning in AI, and performance monitoring to ensure a seamless and compliant implementation of AIMS.

### Target Audience:

- CIOs, CTOs, and IT Managers looking to integrate AI Management Systems AIMS
- Compliance officers managing AI governance and compliance regulations
- Risk managers responsible for AI risk assessment techniques and mitigating AI risks
- AI developers and data scientists engaged in AI lifecycle management and AI system design best practices
- Project managers working on aligning ISO/IEC 42001 standards with organizational goals

### Targeted Organizational Departments:

- Information Technology IT: For implementing AI lifecycle management and AI performance monitoring
- Compliance and Risk Management: To ensure adherence to AI governance and compliance requirements
- Research and Development R&D: For AI system design best practices and continuous learning in AI systems
- Data Governance Teams: To address data quality and AI data governance

### Targeted Industries:

- Finance and Banking
- Healthcare
- Manufacturing
- Technology and Software Development
- Retail and E-commerce

## Course Offerings:

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

- Implement ISO/IEC 42001:2023 standards in their organization
- Develop and manage AI governance and compliance policies
- Design and monitor robust AI Management Systems AIMS
- Conduct comprehensive AI risk assessments and mitigate potential risks
- Align AI lifecycle management with global standards such as ISO 27001
- Address data quality, bias, and ethical challenges in AI data governance

## Training Methodology:

This course utilizes a hands-on approach with interactive sessions, real-world AI management case studies, and group discussions. Participants will conduct mock AI impact assessments, analyze system failures, and work on AI compliance exercises. The program focuses on practical application through AI risk management framework development, case studies on ethics, and stakeholder analysis workshops.

## Course Toolbox:

- Comprehensive course ebook on ISO/IEC 42001:2023 standards
- Checklists for AI risk assessment techniques
- Templates for AI policy development and AI governance frameworks
- Case studies illustrating lessons from AI implementation

## Course Agenda:

### Day 1: Introduction to ISO AI Standards

- Overview of ISO/IEC 42001:2023 - Scope, purpose, and benefits of AI Management Systems AIMS
- Topic 1: Key terminology and concepts related to AI governance and management
- Topic 2: Context of the organization - Identifying internal and external factors influencing AI systems
- Topic 3: Stakeholder analysis and their expectations in AI implementation
- Topic 4: Alignment with other standards - ISO 27001, ISO 9001, and the EU AI Act
- Topic 5: Importance of aligning AI governance with organizational goals
- Topic 6: Key takeaways from the foundational understanding of ISO/IEC 42001:2023
- Reflection & Review

## Day 2: AI Governance and Leadership

- Leadership and commitment - Role of leadership in implementing AI Management Systems AIMS Topic 1: •
  - Defining AI principles - Ethics, fairness, transparency, and accountability Topic 2: •
  - Policy development - Establishing and communicating AI management policies Topic 3: •
- Roles and responsibilities - Establishing accountability frameworks for AI governance Topic 4: •
  - Practical approaches to integrating organizational vision into AI strategies Topic 5: •
- Challenges and solutions in fostering leadership commitment for AI implementation Topic 6: •
  - Recap on AI governance strategies and leadership impact Reflection & Review: •

## Day 3: Risk and Impact Management in AI

- Introduction to AI risk management frameworks - Identifying, analyzing, and mitigating risks Topic 1: •
  - Risk assessment tools and techniques tailored for AI systems Topic 2: •
- AI impact assessment - Evaluating social, economic, and environmental implications Topic 3: •
  - Case studies on effective AI risk and impact assessments Topic 4: •
- Compliance and legal requirements - Aligning global AI regulations with AIMS Topic 5: •
  - Developing strategies to address unexpected risks in AI systems Topic 6: •
  - Applying risk and impact management insights Reflection & Review: •

## Day 4: AI Lifecycle and System Management

- AI system design and development - Managing requirements, testing, and validation Topic 1: •
  - Incorporating continuous learning mechanisms in AI systems Topic 2: •
- Operations and monitoring - Key performance indicators for AI systems Topic 3: •
  - Techniques for identifying and addressing AI system failures Topic 4: •
- Data governance in AI - Ensuring data quality, security, and privacy Topic 5: •
- Addressing biases in AI models - Building fairness and transparency into AI governance Topic 6: •
  - Lessons learned on lifecycle management and operational improvements Reflection & Review: •

## Day 5: Continuous Improvement, Supplier Management, and Practical Implementation

- Performance evaluation - Setting measurable objectives for AIMS effectiveness Topic 1: •
- Nonconformity and corrective actions - Addressing deviations and improving processes Topic 2: •
- Supplier management and third-party alignment - Ensuring adherence to AI principles Topic 3: •
- Real-world case studies of AIMS implementation - Success stories and lessons learned Topic 4: •
  - Preparing for certification - Steps to achieve compliance with ISO/IEC 42001:2023 Topic 5: •
- Certification process - Required documentation and strategies for continuous improvement Topic 6: •
  - Consolidating certification readiness and key takeaways from the course Reflection & Review: •

## How This Course is Different from Other ISO AI Standards Courses:

This course distinguishes itself by focusing on actionable insights and practical applications of ISO/IEC 42001:2023 standards. Unlike other programs, it integrates hands-on exercises such as mock AI impact assessments, comprehensive workshops on AI lifecycle management, and The application of methods for governing and ensuring compliance with artificial intelligence. By leveraging real-world AI management case studies, participants will learn how to overcome industry-specific challenges and implement AI principles for organizations effectively.



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## فئات الدورات التدريبية



HR TRAINING & DEVELOPMENT

دورات إدارة و تطوير الموارد البشرية



دورات إدارة و تحليل البيانات ودورات علم البيانات



دورات إدارة الجودة وتطوير العمليات



الدورات التدريبية في مجال البيئة والاستدامة



دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات



دورات التدريب القانوني والمشتريات والتعاقدات



دورات الاتصال الجماهيري و السياسات والعلاقات العامة



دورات النظم السبراني ودورات تقنية المعلومات



دورات الصيانة ودورات المجالات الهندسية المتنوعة



دورات الصحة والسلامة والأمن المهني



دورات السكرتارية و إدارة المكاتب



دورات الحوكمة وإدارة المخاطر والامتثال



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## فئات الدورات التدريبية



دورات معتمدة من قبل هيئات دولية



دورات في مجالات القيادة والإدارة



دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة  
المالية



دورات مكتب إدارة المشاريع وإدارة المشاريع  
الرشيقية

## مدن التدريب



أهستردام - هولندا



أكرا - غانا



أثينا - اليونان



أبوظبي - الإمارات العربية المتحدة



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



اسطنبول - تركيا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



الرياض - المملكة العربية السعودية



بانكوك - تايلند



بالي - جمهورية اندونيسيا



باكو - أذربيجان



باريس - فرنسا

## مدن التدريب



بورنو - البرتغال



برلين - ألمانيا



برشلونة - إسبانيا



براغ - جمهورية التشيك



جاكرتا - جمهورية إندونيسيا



تورنتو - كندا



تبليسي - جورجيا



بوكيت - تايلاند



روما - إيطاليا



دبي - الإمارات العربية المتحدة



جوهانسبرغ - جنوب إفريقيا



جنيف - سويسرا



سيول - كوريا الجنوبية



سنغافورة - سنغافورة



سان دييغو - الولايات المتحدة الأمريكية



زنبار - تنزانيا

## مدن التدريب



طشقند - أوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة  
الأمريكية



شرم الشيخ - مصر



فرانكفورت - ألمانيا



عن بعد - منصة زووم



عمان - المهلكة الأردنية الهاشمية



طوكيو - اليابان



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



كوالالمبور - ماليزيا



فيينا - النمسا



مدريد - إسبانيا



ماربيا - إسبانيا



لندن - المملكة المتحدة



لشبونة - البرتغال

## مدن التدريب



ميونخ - ألمانيا



ميلان - إيطاليا



مونترنو - سويسرا



مسقط - سلطنة عمان



نيس - فرنسا



نيروبي - كينيا

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



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