

Course No. 1202

AI Risk Management Training Course

AI GOVERNANCE, ETHICS & RISK
ARTIFICIAL INTELLIGENCE & APPLICATIONS

DURATION

5 Days

DELIVERY

Classroom



Course Overview

The AI Risk Management Training Course is a comprehensive professional development program designed to equip executives, managers, AI leaders, risk professionals, governance specialists, compliance officers, cybersecurity experts, legal advisors, data scientists, machine learning engineers, and technology professionals with the knowledge and practical skills required to identify, assess, mitigate, monitor, and manage risks associated with Artificial Intelligence systems. As AI becomes increasingly embedded in strategic business operations, organizations must establish robust AI risk management practices to ensure secure, reliable, ethical, and compliant AI deployment while maximizing business value and minimizing operational, legal, financial, and reputational risks.

Government entities, ministries, public sector organizations, banks and financial institutions, oil and gas companies, healthcare providers, manufacturing organizations, telecommunications companies, transportation authorities, educational institutions, and multinational corporations are rapidly integrating Artificial Intelligence into decision-making, automation, predictive analytics, customer services, asset management, and operational optimization. While AI delivers significant business benefits, it also introduces complex risks related to algorithmic bias, inaccurate predictions, privacy breaches, cybersecurity vulnerabilities, model failures, data quality issues, regulatory non-compliance, operational resilience, and governance challenges. Effective AI Risk Management enables organizations to proactively identify these risks, establish appropriate controls, strengthen governance, and maintain stakeholder trust.

This course provides a practical framework for enterprise AI Risk Management across the complete AI lifecycle. Participants will explore AI governance, enterprise risk management integration, AI model risk management, explainable AI, responsible AI, privacy protection, cybersecurity, data governance, regulatory compliance, model validation, performance monitoring, risk assessment methodologies, control implementation, incident response planning, and continuous improvement practices. The course also introduces internationally recognized AI governance principles and industry best practices that support safe, trustworthy, and sustainable Artificial Intelligence adoption.

The AI Risk Management Training Course combines strategic insight with practical implementation through interactive workshops, enterprise case studies, governance assessments, risk analysis exercises, and implementation planning sessions. By the end of the course, participants will be capable of developing enterprise AI risk management frameworks, implementing governance controls, evaluating AI-related risks, strengthening regulatory compliance, improving operational

resilience, and supporting responsible AI innovation that aligns with organizational strategy and corporate governance objectives.

Objectives

- Analyze the sources, categories, and business impact of AI-related risks.
- Develop enterprise AI Risk Management frameworks aligned with organizational governance strategies.
- Evaluate technical, operational, ethical, legal, cybersecurity, and regulatory risks associated with Artificial Intelligence.
- Apply structured AI risk assessment methodologies throughout the AI lifecycle.
- Design effective governance controls and mitigation strategies for AI systems.
- Improve AI trustworthiness through explainability, transparency, continuous monitoring, and risk-based decision-making.
- Strengthen organizational capabilities in AI governance, cybersecurity, privacy protection, and regulatory compliance.
- Implement AI monitoring, auditing, incident response, and continuous improvement processes.
- Assess organizational AI Risk Management maturity and identify opportunities for enhancement.
- Align AI Risk Management initiatives with enterprise risk management, digital transformation, innovation, and corporate governance objectives.

Who Should Attend

This course is designed for executives, board members, chief risk officers, chief information officers, chief data officers, chief digital officers, AI leaders, governance professionals, compliance officers, cybersecurity managers, legal advisors, internal auditors, enterprise risk managers, innovation managers, technology managers, data scientists, machine learning engineers, software developers, enterprise architects, consultants, and decision-makers responsible for Artificial Intelligence governance and implementation.

The program is particularly valuable for professionals working in government entities, ministries, public sector organizations, banks and financial institutions, oil and gas companies, healthcare organizations, manufacturing companies, telecommunications providers, transportation authorities, educational institutions, consulting firms, regulatory agencies, and multinational corporations

implementing enterprise Artificial Intelligence initiatives.

Professionals responsible for governance, enterprise risk management, regulatory compliance, cybersecurity, privacy, legal affairs, digital transformation, AI governance, internal audit, business continuity, operational resilience, innovation, and technology strategy will gain practical methodologies that can be immediately applied within their organizations.

Learning Outcomes

- By the end of this course, participants will be able to:
- Explain the principles and organizational importance of AI Risk Management.
- Identify, classify, and assess risks associated with Artificial Intelligence systems.
- Develop enterprise AI Risk Management frameworks and governance structures.
- Design mitigation strategies and governance controls for technical, operational, ethical, legal, and cybersecurity risks.
- Apply Responsible AI and Explainable AI principles to reduce AI-related risks.
- Implement governance practices that strengthen privacy, cybersecurity, regulatory compliance, and data governance.
- Monitor AI systems using key risk indicators, performance metrics, auditing, and continuous evaluation processes.
- Integrate AI Risk Management into enterprise risk management and corporate governance frameworks.
- Develop AI incident response and continuous improvement plans.
- Build enterprise implementation roadmaps that support secure, trustworthy, and sustainable Artificial Intelligence adoption.

Course Outline

DAY 01

Foundations of AI Risk Management

- Introduction to AI Risk Management
- Types and sources of AI risks

DAY 01 — CONTINUED

- AI lifecycle risk management
- Enterprise AI governance fundamentals

PRACTICAL

Practical workshop on identifying AI risks within organizational use cases

DAY 02

Risk Assessment and Analysis

- AI risk assessment methodologies
- Technical, operational, ethical, and legal risks
- Algorithmic bias and explainability risks
- Regulatory and compliance considerations

PRACTICAL EXERCISE ON ENTERPRISE AI RISK ASSESSMENT**DAY 03**

Governance, Controls, and Compliance

- AI governance frameworks
- Risk mitigation strategies and internal controls
- Responsible AI and model lifecycle governance
- Privacy protection, cybersecurity, and data governance

WORKSHOP

Workshop on designing enterprise AI Risk Management frameworks

DAY 04

Monitoring, Reporting, and Operational Resilience

- AI performance monitoring and risk indicators
- AI auditing and governance reporting
- Incident response planning for AI systems
- Continuous improvement and model lifecycle management

PRACTICAL

Practical workshop on implementing AI monitoring and control mechanisms

DAY 05

Building an Enterprise AI Risk Management Strategy

- Future trends in AI Risk Management and global regulatory developments
- International best practices for managing AI risks
- Integrating AI Risk Management into enterprise governance and digital transformation strategies
- Organizational change management for AI governance implementation

FINAL WORKSHOP

Final workshop involving the development of a comprehensive enterprise AI Risk Management strategy integrating AI governance, enterprise risk management, Responsible AI, Explainable AI, cybersecurity, privacy protection, regulatory compliance, model lifecycle management, governance controls, risk assessment methodologies, incident response planning, performance monitoring, auditing, continuous improvement, and organizational implementation planning to establish secure, resilient, trustworthy, and sustainable Artificial Intelligence across the enterprise.



Register or Request More Information

Course page: <https://quest-training.com/courses/ai-risk-management-training-course>

Website: <https://quest-training.com>

Email: info@quest-training.com

Phone: +905016771440

