

Course No. 1203

AI Compliance & Regulatory Frameworks Training Course

AI GOVERNANCE, ETHICS & RISK
ARTIFICIAL INTELLIGENCE & APPLICATIONS

DURATION

5 Days

DELIVERY

Classroom



Course Overview

The AI Compliance & Regulatory Frameworks Training Course is a comprehensive professional development program designed to equip executives, managers, AI leaders, governance professionals, compliance officers, legal advisors, risk managers, cybersecurity specialists, internal auditors, data protection professionals, and technology leaders with the knowledge and practical skills required to ensure Artificial Intelligence systems comply with evolving legal, regulatory, governance, and ethical requirements. As Artificial Intelligence becomes an integral part of digital transformation and business operations, organizations must establish effective compliance frameworks that support innovation while ensuring accountability, transparency, security, and regulatory conformity.

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 increasingly deploying AI-powered solutions to improve operational efficiency, automate decision-making, enhance customer experiences, and optimize strategic planning. However, these AI systems introduce regulatory obligations related to data privacy, cybersecurity, algorithmic transparency, model accountability, consumer protection, risk management, record keeping, and governance. Organizations that proactively establish AI compliance programs are better positioned to reduce legal exposure, strengthen stakeholder confidence, improve operational resilience, and support sustainable AI adoption.

This course provides a practical understanding of AI compliance across the complete AI lifecycle, covering AI governance, regulatory risk management, Responsible AI, data governance, privacy protection, cybersecurity compliance, model governance, documentation requirements, explainability, auditing, monitoring, internal controls, policy development, regulatory reporting, and organizational accountability. Participants will examine internationally recognized AI governance principles and leading regulatory approaches while learning how to integrate compliance requirements into enterprise AI strategies and operational processes.

The AI Compliance & Regulatory Frameworks Training Course combines strategic knowledge with practical implementation through case studies, governance workshops, compliance assessments, policy development exercises, and implementation planning. By the end of the course, participants will be capable of developing enterprise AI compliance frameworks, aligning AI initiatives with regulatory expectations, strengthening governance practices, reducing compliance risks, and

supporting responsible, secure, and sustainable Artificial Intelligence adoption across the organization.

Objectives

- Analyze the regulatory landscape governing Artificial Intelligence and its organizational implications.
- Develop enterprise AI compliance frameworks aligned with governance and legal requirements.
- Evaluate legal, regulatory, ethical, operational, cybersecurity, and privacy risks associated with AI systems.
- Apply compliance requirements throughout the AI system lifecycle.
- Design governance structures, policies, and internal controls supporting AI compliance.
- Improve organizational readiness for AI audits, regulatory reviews, and compliance reporting.
- Strengthen AI governance through effective risk management, documentation, monitoring, and accountability.
- Implement compliance monitoring processes that support continuous regulatory alignment.
- Assess organizational AI compliance maturity and identify improvement opportunities.
- Align AI compliance initiatives with enterprise governance, digital transformation, and corporate risk management strategies.

Who Should Attend

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

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

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

Learning Outcomes

- By the end of this course, participants will be able to:
- Explain the principles and organizational importance of AI compliance and regulatory governance.
- Identify legal, regulatory, operational, ethical, and cybersecurity obligations associated with AI systems.
- Develop enterprise AI compliance frameworks, governance structures, and organizational policies.
- Design internal controls supporting AI governance, regulatory compliance, and risk management.
- Apply Responsible AI, Explainable AI, and transparency principles to improve regulatory readiness.
- Implement compliance monitoring, documentation, auditing, and reporting processes for AI systems.
- Strengthen privacy protection, cybersecurity, and data governance practices within AI initiatives.
- Integrate AI compliance into enterprise governance and digital transformation strategies.
- Prepare organizations for regulatory reviews, AI audits, and evolving compliance requirements.
- Build implementation roadmaps that support trustworthy, secure, compliant, and sustainable Artificial Intelligence deployment.

Course Outline

DAY 01

Foundations of AI Compliance and Regulatory Governance

- Introduction to AI compliance and regulatory frameworks
- AI governance principles and organizational accountability
- Legal and regulatory landscape for Artificial Intelligence

DAY 01 — CONTINUED

- Enterprise AI compliance lifecycle

PRACTICAL WORKSHOP ON IDENTIFYING AI COMPLIANCE OBLIGATIONS

DAY 02

Regulatory Requirements and Risk Management

- AI risk management and regulatory expectations
- Privacy protection and data governance requirements
- Cybersecurity compliance for AI systems
- Ethical and operational compliance considerations

PRACTICAL EXERCISE

Practical exercise on enterprise AI compliance risk assessment

DAY 03

Governance, Policies, and Internal Controls

- Enterprise AI governance frameworks
- AI compliance policies and standards
- Documentation, model governance, and explainability
- Internal controls and compliance management

WORKSHOP ON DESIGNING ENTERPRISE AI COMPLIANCE FRAMEWORKS

DAY 04

Monitoring, Auditing, and Regulatory Readiness

- Compliance monitoring and performance measurement
- AI auditing methodologies and governance reporting
- Incident management and regulatory response planning

DAY 04 — CONTINUED

- Continuous compliance improvement and lifecycle management

PRACTICAL

Practical workshop on implementing AI compliance monitoring processes

DAY 05

Building an Enterprise AI Compliance Strategy

- Emerging trends in AI regulation and global compliance developments
- International best practices for AI governance and compliance
- Integrating AI compliance into enterprise governance, digital transformation, and risk management
- Organizational change management for AI compliance implementation

FINAL WORKSHOP

Final workshop involving the development of a comprehensive enterprise AI Compliance & Regulatory Framework integrating AI governance, regulatory compliance, enterprise risk management, Responsible AI, Explainable AI, cybersecurity, privacy protection, data governance, model lifecycle management, internal controls, documentation, auditing, monitoring, regulatory reporting, continuous improvement, and organizational implementation planning to establish compliant, secure, transparent, accountable, and trustworthy Artificial Intelligence across the enterprise.

Register or Request More Information

Course page: <https://quest-training.com/courses/ai-compliance-regulatory-frameworks-training-course>

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