# Navigating AI Governance, Risk, and Compliance Training Course



Ref: #AI6578

## Course Introduction / Overview:

The rapid integration of Artificial Intelligence into core business operations presents unprecedented opportunities alongside significant challenges in governance, risk management, and regulatory compliance. This course provides a comprehensive roadmap for navigating this complex landscape. As organizations increasingly rely on AI for critical decision-making, establishing robust AI governance frameworks is no longer optional but a strategic imperative for sustainable growth and maintaining public trust. This program moves beyond theoretical concepts to offer practical, actionable strategies for implementing responsible AI. Drawing on principles discussed by leading thinkers like Luciano Floridi on the ethics of information, the curriculum addresses the full lifecycle of AI systems. Participants will learn to identify, assess, and mitigate risks associated with AI, from data bias to security vulnerabilities. BIG BEN Training Center has designed this course to empower professionals to build and manage AI systems that are not only powerful and efficient but also ethical, transparent, and fully compliant with the evolving global regulatory environment, ensuring their organizations can innovate responsibly and confidently.

## Target Audience / This training course is suitable for:

- Chief Compliance Officers and Compliance Managers.
- Risk Management Professionals and IT Auditors.
- Legal Counsels and Corporate Governance Specialists.
- Data Scientists and AI/ML Engineers.
- Information Security and Cybersecurity Analysts.
- Senior Executives and Business Leaders (CEO, CIO, CTO).
- Policy Makers and Regulatory Affairs Managers.
- Product Managers responsible for AI-driven products.
- Internal Audit and Quality Assurance Professionals.

## Target Sectors and Industries:

- Banking, Financial Services, and Insurance.
- Healthcare and Pharmaceutical Industries.
- Technology, Software, and Telecommunications.
- Government Agencies and Public Sector Organizations.
- Consulting and Professional Services Firms.
- Automotive and Manufacturing Industries.
- Retail and E-commerce.
- Energy and Utilities Sector.

## Target Organizations Departments:

- Legal and Compliance Department.
- Risk Management Department.
- Internal Audit and Governance.
- Information Technology and Cybersecurity.
- Data Science and Analytics Teams.
- Research and Development (R&D).
- Corporate Strategy and Business Development.
- Operations and Product Management.
- Human Resources (for AI in HR).

## Course Offerings:

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

- Develop and implement a comprehensive AI governance framework tailored to their organization's needs.
- Conduct thorough AI risk assessments to identify, analyze, and mitigate potential threats.
- Navigate the complex global AI regulatory landscape, including the EU AI Act and GDPR implications.
- Establish clear ethical AI principles to ensure fairness, transparency, and accountability in AI systems.
- Design effective controls for managing AI model lifecycle and data governance.
- Master techniques for detecting and mitigating bias in AI algorithms.
- Prepare for and conduct AI system audits and compliance checks.
- Develop strategies for managing third-party AI risks and vendor due diligence.
- Formulate an AI incident response plan to handle system failures or ethical breaches.
- Champion a culture of responsible AI innovation within their organization.

## Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, practical, and engaging, ensuring participants can translate theoretical knowledge into real-world application. This course utilizes a blended learning approach that combines expert-led instruction with hands-on exercises and collaborative problem-solving. Participants will analyze real-world case studies of AI successes and failures, dissecting the governance, risk, and compliance factors that determined the outcomes. Interactive workshops will guide attendees through the process of creating AI risk matrices, drafting AI ethics policies, and simulating AI audit scenarios. Group discussions and debates will foster a deeper understanding of complex ethical dilemmas and regulatory nuances. The learning environment encourages active participation, with continuous feedback from the instructor and peers. We focus on providing actionable tools and frameworks that can be immediately implemented within the participant's organization, moving beyond abstract concepts to build tangible skills for effective AI oversight and management.

## Course Agenda (Course Units):

### Unit One: Foundations of AI Governance and Ethics

- Introduction to Artificial Intelligence, Machine Learning, and Deep Learning.
- The strategic importance of AI governance in the modern enterprise.
- Defining the core pillars: Governance, Risk, and Compliance (GRC) for AI.
- Exploring key ethical principles: Fairness, Accountability, and Transparency (FAT).
- Understanding different types of AI risks: Algorithmic, data, security, and operational.
- The role of human oversight in automated decision-making.
- Global perspectives on AI ethics and societal impact.

### Unit Two: Building a Robust AI Governance Framework

- Establishing clear roles and responsibilities for AI oversight.
- Developing and implementing AI policies, standards, and procedures.
- Leveraging established frameworks like the NIST AI Risk Management Framework (RMF).
- Creating an AI inventory and model risk-tiering system.
- The function and structure of an AI Ethics Board or Council.
- Integrating AI governance into the broader corporate governance structure.
- Communication and training strategies for embedding an AI governance culture.

### Unit Three: AI Risk Management and Mitigation Strategies

- A deep dive into the AI model development lifecycle and its associated risks.
- Techniques for identifying and assessing algorithmic bias.
- Strategies for ensuring data quality, privacy, and security in AI systems.
- Understanding and mitigating adversarial attacks on AI models.
- Implementing explainable AI (XAI) techniques to enhance transparency.
- Conducting AI impact assessments for high-risk applications.
- Developing a comprehensive AI risk register and mitigation plan.

## Unit Four: Navigating the AI Regulatory and Compliance Landscape

- An overview of the current and emerging global AI regulations.
- Detailed analysis of the EU AI Act and its requirements.
- The intersection of AI with data protection laws like GDPR and CCPA.
- Industry-specific regulations for AI in finance, healthcare, and automotive sectors.
- Contractual considerations and due diligence for third-party AI vendors.
- Best practices for AI documentation and record-keeping for compliance.
- Preparing for regulatory inquiries and AI system audits.

## Unit Five: Practical Implementation and Auditing of AI Systems

- The role of MLOps in operationalizing AI governance and risk management.
- Designing and implementing controls for continuous AI model monitoring.
- Frameworks and methodologies for auditing AI systems.
- Developing key performance indicators (KPIs) and key risk indicators (KRIs) for AI.
- Formulating an effective AI incident response and remediation plan.
- Future-proofing your AI strategy: Staying ahead of technological and regulatory changes.
- Capstone exercise: Developing a mini-AI GRC strategy for a case study organization.

# FAQ:

### Qualifications required for registering to this course?

There are no requirements.

### How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

## Something to think about:

As AI systems become more autonomous, how can organizations maintain meaningful human oversight without stifling innovation, and where should the ultimate line of accountability be drawn?

## What unique qualities does this course offer compared to other courses?

This course distinguishes itself by offering a holistic and deeply practical integration of the three critical pillars of AI oversight: governance, risk, and compliance. While many programs focus on one area, we provide a unified framework that demonstrates how these elements are interconnected and mutually reinforcing. Our curriculum moves beyond high-level theory to provide actionable strategies and tools, such as the implementation of the NIST AI Risk Management Framework and techniques for conducting tangible AI impact assessments. The content is forward-looking, with a significant focus on navigating the complex and evolving global regulatory landscape, particularly the EU AI Act, preparing participants not just for today's compliance challenges but for tomorrows. Furthermore, the course emphasizes the strategic advantage of responsible AI, teaching leaders how to leverage strong governance not as a restrictive cost center, but as a driver of trust, brand reputation, and sustainable innovation. The interactive methodology, rich with real-world case studies and hands-on workshops, ensures that participants leave with the confidence and competence to build and manage trustworthy AI ecosystems within their own organizations.