MERCURY

Artificial Intelligence Governance Professional

13 – 17 September 2027
London (UK)



Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Artificial Intelligence Governance Professional

Ref: 16132_1007631 **Date:** 13 – 17 September 2027 **Location:** London (UK) **Fees:** 5900 Euro

Introduction:

The Artificial Intelligence Governance Professional training course equips participants with the essential knowledge and skills to implement and oversee organizations' ethical, accountable, and legally compliant AI systems. As artificial intelligence technologies become more pervasive, understanding their ethical, societal, and legal implications is crucial for sustainable adoption.

This Artificial Intelligence Governance Professional course offers an in-depth look into the evolution of AI ethics, foundational governance structures, and the regulatory frameworks shaping responsible AI. It addresses the pressing need to assess, mitigate, and manage ethical risks associated with algorithmic decision-making. Participants will explore practical methodologies for integrating governance into AI development and deployment lifecycles.

This Artificial Intelligence Governance Professional program emphasizes hands-on learning and real-world application, from establishing governance frameworks to aligning AI strategies with corporate values. Ultimately, it aims to empower professionals to ensure that AI is used ethically, responsibly, and in a way that maximizes social value.

Targeted Groups:

This Artificial Intelligence Governance Professional training course targets professionals seeking specialized knowledge and skills:

- AI project managers are involved in strategic planning and execution.
- Compliance officers are responsible for ethical oversight.
- Legal professionals dealing with AI and data regulations.
- Policy advisors shaping AI ethics and legislation.
- Data scientists and machine learning engineers.
- Information security and risk management professionals.
- Technology consultants advising on AI deployment.
- Corporate governance and CSR leaders.
- Academic researchers in AI ethics and technology policy.
- Product managers are integrating AI into user-centered design.
- Government regulators and public sector analysts.

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Course Objectives:

Participants will achieve the following objectives by completing the Artificial Intelligence Governance Professional course:

- Understand the historical evolution and principles of AI ethics.
- Identify key ethical risks in AI projects and propose mitigation plans.
- Analyze real-world ethical dilemmas in AI through case studies.
- Apply ethical frameworks to guide AI system design and deployment.
- Develop and implement governance structures tailored to organizational needs.
- Establish AI ethics committees and define their operational scope.
- Align AI projects with legal and regulatory requirements globally.
- Integrate governance into the AI lifecycle from R&D to deployment.
- Evaluate organizational accountability and transparency mechanisms.
- Monitor, review, and improve AI governance strategies continuously.
- Assess the societal implications of AI applications and plan for social impact.
- Communicate ethical principles effectively within stakeholder groups.
- Interpret laws such as GDPR and the EU AI Act in the context of AI.
- Explore liability, discrimination, and IP issues related to AI solutions.
- Advocate for responsible and fair use of AI technologies.
- Foster inclusive and diverse AI development practices.

Targeted Competencies:

Participants will gain the following competencies during the Artificial Intelligence Governance Professional program:

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- Apply ethical frameworks to real-world AI development scenarios.
- Design governance models supporting responsible AI use.
- Interpret AI regulations and legal standards accurately.
- Evaluate risk and compliance in AI systems.
- Integrate governance into the full AI lifecycle.
- Communicate AI ethical values to diverse stakeholders.
- Ensure AI project alignment with organizational strategy.
- Establish accountability across AI decision-making processes.
- Monitor and adapt governance practices over time.
- Address bias, fairness, and transparency in AI systems.

Course Content:

Unit 1: Introduction to AI Ethics and Governance:

- Trace the historical evolution of AI ethics and the shift towards governance.
- Define the core principles of AI governance and its necessity in the digital era.
- Explain the key drivers for adopting ethical AI practices.
- Analyze the role of governance in building responsible AI ecosystems.
- Discuss ethical decision-making processes in AI applications.
- Explore organizational challenges in enforcing AI ethics.
- Highlight global industry best practices for AI governance.
- Review AI governance models across the public and private sectors.
- Identify ethical AI governance as a competitive business advantage.

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Unit 2: AI Ethics Principles and Frameworks:

- Define core ethical principles relevant to AI development.
- Contrast utilitarianism vs. deontology as applied to AI ethics.
- Explore frameworks such as IEEE Ethically Aligned Design and OECD AI Principles.
- Apply ethical frameworks in the AI product lifecycle stages.
- Assess case studies that reveal ethical dilemmas in AI systems.
- Discuss fairness, accountability, and transparency in AI outputs.
- Identify emerging standards in ethical AI e.g., ISO/IEC 42001.
- Design ethical checklists for use in AI research and deployment.
- Integrate responsible AI practices from ideation to post-deployment monitoring.

Unit 3: Risk Assessment and Management in AI:

- Identify and evaluate ethical risks in AI systems.
- Analyze bias, discrimination, and fairness issues in AI models.
- Understand the impact of algorithmic decisions on human rights.
- Develop strategies for managing risk across the AI development pipeline.
- Implement tools for bias detection and explainability in AI.
- Conduct ethical risk audits for AI technologies.
- Monitor AI systems for ethical compliance post-deployment.
- Manage risks related to autonomous decision-making in critical sectors.
- Address ethical challenges in AI research and data labeling.

Unit 4: Developing AI Governance Strategies:

- Design governance strategies for enterprise AI integration.
- Structure AI ethics committees and define their responsibilities.
- Align AI governance with corporate ethics and strategic vision.
- Build cross-functional governance teams with diverse expertise.
- Integrate governance into project workflows and decision gates.
- Define clear accountability structures for AI outcomes.
- Measure the performance of AI governance frameworks.
- Support continuous learning and improvement in AI governance.
- Leverage governance to build trust with customers and regulators.

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Unit 5: Legal Compliance, Regulation, and Societal Impact:

- Examine current global regulatory frameworks, including the EU AI Act.
- Identify how GDPR intersects with AI data use and automation.
- Understand legal standards on liability, IP, and discrimination in AI.
- Apply consumer protection and product safety laws to AI systems.
- Conduct AI transparency and ethical compliance audits.
- Navigate privacy and data protection requirements in AI pipelines.
- Analyze societal implications of AI in employment, security, and education.
- Develop strategies for responsible and inclusive AI deployment.
- Engage communities and stakeholders in the ethical design of AI.
- Measure and communicate the social value and impact of AI initiatives.

Final Insights & Key Takeaways:

The Artificial Intelligence Governance Professional course offers an advanced understanding of ethical, legal, and governance frameworks essential for responsible AI. It prepares professionals to navigate regulatory complexities, design AI policies, and ensure ethical decision-making throughout the AI lifecycle. Learners gain actionable skills to lead governance in real-world AI initiatives. Ultimately, this course empowers organizations to build trustworthy, compliant, and socially responsible AI systems.