

Certified AI Governance Practitioner (CAIGP)[™]



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Certified AI Governance Practitioner (CAIGP) - Certification Overview

The Certified AI Governance Practitioner (CAIGP) certification is designed to equip professionals with a comprehensive understanding of AI governance frameworks, ethical AI principles, and regulatory compliance requirements. It emphasizes the strategic, operational, and ethical aspects of deploying AI technologies in organizations. Through this certification, candidates gain practical knowledge on managing AI risks, ensuring transparency, accountability, and fairness in AI systems, and aligning AI initiatives with corporate governance policies. The program combines theoretical foundations with real-world scenarios, enabling participants to implement AI governance strategies effectively across diverse industries.

The CAIGP credential empowers professionals to guide organizations in establishing robust AI oversight mechanisms, promoting responsible AI adoption, and mitigating potential risks associated with AI deployment. Participants learn to assess AI models for bias, compliance, and operational impact, while integrating governance principles into AI project lifecycles. By earning this certification, individuals demonstrate their ability to support ethical AI practices, enhance stakeholder confidence, and contribute to sustainable, trustworthy AI strategies in their organizations.

Target Audience

- AI and data science professionals seeking to implement responsible AI practices.
- Governance, risk, and compliance (GRC) specialists involved in technology oversight.
- Business leaders and managers driving AI adoption within their organizations.
- IT and cybersecurity professionals focused on AI system security and compliance.
- Consultants and auditors advising organizations on ethical and regulatory AI frameworks.

What Modules are covered?

Module 1 - Introduction to AI Governance

- Overview of AI and emerging technologies
- Importance of AI governance in organizations
- Key principles of ethical AI: fairness, transparency, accountability
- Regulatory landscape and global AI standards
- AI governance frameworks and models

Module 2 - AI Strategy and Organizational Alignment

- Aligning AI initiatives with business objectives
- Developing AI governance policies and guidelines
- Stakeholder roles and responsibilities in AI governance
- Integrating AI strategy into corporate governance
- Measuring AI value, risks, and compliance impact

Module 3 - Risk Management in AI

- Identifying AI-related risks: operational, ethical, legal
- Risk assessment methodologies for AI systems
- Mitigating bias, discrimination, and fairness issues
- AI model validation, verification, and explainability
- Monitoring AI performance and risk over time

Module 4 - Legal and Regulatory Compliance

- AI regulations across regions (EU AI Act, US guidelines, etc.)
- Data privacy and protection in AI (GDPR, CCPA)
- Intellectual property, liability, and contractual considerations
- Compliance auditing and reporting for AI systems
- Ethical and social responsibility frameworks

Module 5 - Data Governance for AI

- Data management principles and best practices
- Ensuring data quality, integrity, and provenance
- Handling sensitive and personal data in AI projects
- Data lifecycle management in AI initiatives
- Tools and techniques for AI data governance

Module 6 - AI Ethics and Responsible AI

- Ethical decision-making frameworks for AI
- Bias detection and fairness evaluation
- Transparency, explainability, and interpretability of AI models
- Human oversight and accountability mechanisms
- AI in society: social and environmental implications

Module 7 - AI Monitoring, Audit, and Reporting

- Continuous monitoring of AI models and systems
- Auditing AI processes and governance practices
- KPI and metrics for AI governance effectiveness
- Reporting frameworks for internal and external stakeholders
- Incident management and corrective actions

Module 8 - Implementation and Case Studies

- Developing AI governance roadmaps
- Best practices for deploying AI governance in organizations
- Industry-specific AI governance case studies
- Challenges and lessons learned from real-world AI projects
- Capstone project or simulation: applying governance principles

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