



## 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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