CERTIFIED PROFESSIONAL IN AI FORENSIC GOVERNANCE (CPAFG)

COURSE OVERVIEW

In a world where data has become the new evidence and algorithms shape decisions that impact millions, governance needs a new kind of guardian. The Certified Professional in AI Forensic Governance program empowers professionals to lead with integrity at the intersection of technology, ethics, and accountability. Through an immersive learning journey, participants will discover how artificial intelligence can detect fraud, strengthen compliance, and reinforce trust in digital systems. The course blends forensic investigation principles with AI governance, transforming participants into proactive defenders of digital transparency and ethical intelligence.

TARGET COMPETENCIES

- AI Governance Frameworks
- Forensic Data Analytics
- Ethical AI Oversight
- Digital Evidence Management
- Fraud and Compliance
- Algorithmic Accountability
- Cyber Risk Resilience

COURSE OBJECTIVES

By the end of the course, participants will be able to:

- Analyze the foundations of AI governance and its ethical implications.
- Apply forensic methodologies to AI-driven data environments.
- Evaluate the use of machine learning in fraud detection and compliance monitoring.
- Design governance frameworks that ensure algorithmic transparency and fairness.
- Interpret and manage digital evidence using forensic analytics tools.
- Implement AI-based audit and assurance practices aligned with global standards.
- Develop strategies to mitigate cyber and data integrity risks.
- Integrate forensic governance into enterprise-wide digital transformation programs.

TARGET AUDIENCE

This course is designed for professionals who aspire to lead the future of governance with confidence and credibility. It welcomes internal auditors seeking to modernize their investigative skills, forensic accountants ready to leverage data intelligence, compliance officers striving to uphold digital ethics, and executives driving responsible AI adoption. Legal advisors, regulators, and risk specialists will also find this course invaluable as they navigate the ethical, technical, and strategic challenges of AI governance. Whether from the public or private sector, participants will join a forward-thinking community dedicated to ensuring that technology serves justice, not the other way around.

COURSE METHODOLOGY

This program blends experiential learning with real-world impact. Participants engage in interactive simulations, forensic data labs, AI ethics challenges, and live case studies, transforming abstract theories into tangible skills that can be applied immediately within their organizations.

COURSE OUTLINE

AI GOVERNANCE FRAMEWORKS

- Understanding AI governance pillars and global standards
- Mapping AI accountability to organizational structures
- Regulatory frameworks: EU AI Act, OECD, and ISO 42001
- Integrating governance with enterprise risk management
- Evaluating maturity models for AI governance

FORENSIC DATA ANALYTICS

- Foundations of data forensics and audit trails
- Detecting anomalies using AI and machine learning
- Data visualization for forensic insight
- Leveraging predictive analytics for fraud detection
- Ensuring integrity and reproducibility of forensic data

ETHICAL AI OVERSIGHT

- Defining ethical boundaries in AI investigations
- Identifying algorithmic bias and discrimination
- Building responsible AI oversight mechanisms
- AI explainability and transparency principles
- Ethical decision-making in digital investigations

DIGITAL EVIDENCE MANAGEMENT

- Principles of digital evidence collection and preservation
- Chain of custody and admissibility standards
- Use of AI in digital forensics automation
- Managing metadata and system logs securely
- Case documentation and forensic reporting best practices

FRAUD AND COMPLIANCE

- AI applications in anti-fraud and AML programs
- Monitoring compliance through automated systems
- Red flags and AI-based risk scoring models
- Investigating complex fraud scenarios using AI tools
- Coordination between forensic and compliance teams

ALGORITHMIC ACCOUNTABILITY

- Governance of machine learning models and outcomes
- Bias detection and fairness auditing in algorithms
- Model validation and continuous assurance practices
- Transparency documentation: model cards and audit trails
- Designing control frameworks for algorithmic risk

CYBER RISK RESILIENCE

- Linking forensic governance to cybersecurity frameworks
- Threat intelligence and AI-based incident detection
- Post-incident forensic reconstruction and root cause analysis
- Integrating forensic AI with SOC and GRC platforms
- Building resilience through data governance and recovery