INFOSECTRAIN
Educate. Excel. Empower.

ISACA

AAISM

Advanced in AI Security Management

Certification Training

Course Highlights

30-Hour LIVE
Instructor-Led Training

Authorized
ISACA Training
Partner

Designed for
CISSP/CISM holders

Combines
AI + Risk Governance

Aligns with **ISO
17024** Standards

First **AI-Security**
Management Credential

Career Guidance &
Mentorship

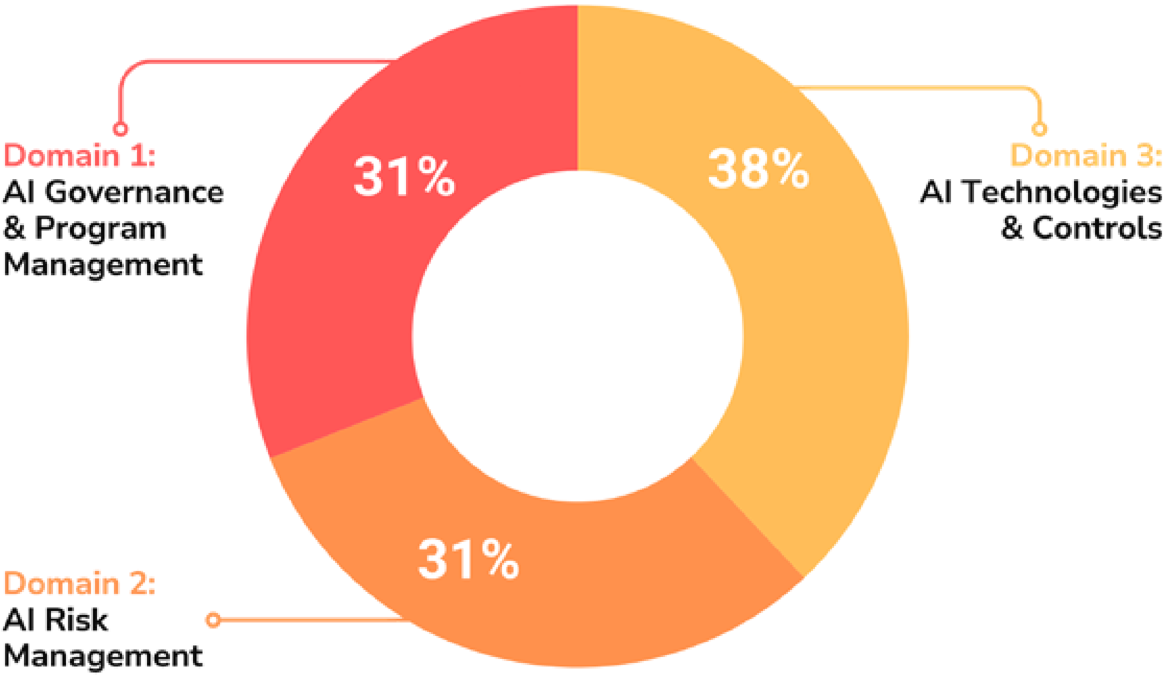
Post **Training Support**
till Exam

Certified
Experts

About Course

The **Advanced in AI Security Management™ (AAISM)** certification training is designed to equip mid-to-senior level security professionals with the expertise to manage AI-specific threats, implement AI technologies securely, and align AI use with governance and regulatory requirements. The curriculum spans three critical domains: AI Governance and Program Management, AI Risk Management, and AI Technologies and Controls. Participants will gain actionable knowledge to evaluate, integrate, and secure AI systems across the enterprise, leveraging both AI's potential and adhering to ethical and compliance standards. The course prepares candidates for a rigorous **90-question certification exam** and supports continuous professional development with **10 annual CPE hours** related to AI.

AAISM domains & Weightage



Course Objectives

Upon successful completion of the training, participants will be able to:

- Analyze and address evolving threats and vulnerabilities specific to AI systems, including generative AI risks.
- Design and implement AI governance models aligned with organizational goals, ethical principles, and compliance requirements.
- Effectively embed AI tools and technologies into existing security architectures to enhance operational efficiency and responsiveness.
- Identify, evaluate, and mitigate AI-related risks using structured risk management practices tailored to AI environments.
- Interpret and apply emerging global AI regulations (e.g., EU AI Act) to ensure regulatory readiness and reduce liability.
- Implement controls to safeguard AI models, training data, and outputs from adversarial attacks and data breaches.
- Use AI securely to support strategic business objectives, innovation initiatives, and enterprise resilience.
- Bridge the gap between security, legal, compliance, and AI/tech teams for cohesive AI risk and governance oversight.
- Validate your ability to lead secure AI adoption at the organizational level with a globally recognized certification.

Target Audience

This course is ideal for:

- Experienced IT security professionals who hold CISM® or CISSP® certifications
- Those with proven experience in security or advisory roles
- Those with expertise in assessing, implementing and maintaining AI systems

Pre-requisites

Before attending this accelerated course, you should have:

- An active CISM or CISSP certification
- Proven experience in security or advisory roles
- Some expertise in assessing, implementing, and maintaining AI systems

Exam Information

Description	Designed for IT Security professionals with a CISM or CISSP certification looking to gain recognition for their expertise in securing enterprise AI solutions and leveraging AI to improve security operations.
Domain (%)	**Domain 1** – AI Governance and Program Management **(31%)** **Domain 2** – AI Risk and Opportunity Management **(31 %)** **Domain 3** – AI Technologies and Controls **(38%)**
Exam Languages	English & Spanish
Exam Length	2.5 hours (150 minutes), 90 multiple-choice questions

Course Content

Domain 1 AI Governance & Program Management (31%)

- Stakeholder considerations, industry frameworks, and regulatory requirements
- AI-Related strategies, policies, and procedures
- AI asset and data life cycle management
- AI security program development and management
- Business continuity and incident response

Domain 2 AI Risk Management (31%)

- AI risk assessment, thresholds, and treatment
- AI threat and vulnerability management
- AI vendor and supply chain management

Domain 3 AI Technologies & Controls (38%)

- AI security architecture and design
- AI-Related strategies, policies, and procedures
- Data management controls
- Privacy, ethical, trust and safety controls
- Security controls and monitoring

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