ISACA Advanced in AI Security Management (AAISM)

Duration: 2 Days **Course Code: AAISM** **Version: 1.0** **Delivery Method: Company Event**

Overview:

The ISACA Advanced in AI Security Management certification is designed for experienced security professionals who are ready to lead in the evolving landscape of AI-driven enterprise environments. This course equips learners with the knowledge and tools to manage AI-specific risks, implement effective governance frameworks, and ensure the secure and ethical use of AI technologies across the organization. Participants will explore how AI is reshaping the threat landscape and gain practical strategies to reinforce their organization's security posture in response. Throughout the course, learners will dive into three core domains: AI Governance and Program Management, AI Risk Management, and AI Technologies and Controls. These areas cover everything from designing AI governance models and aligning them with business objectives, to identifying AI-specific vulnerabilities, managing third-party risks, and embedding AI into secure architectures. The course also addresses critical topics such as data privacy, ethical AI use, and regulatory compliance—ensuring participants are well-prepared to advise stakeholders and lead secure AI initiatives.
Whether you're a CISM or CISSP holder looking to expand your expertise, or a security leader navigating the complexities of AI integration, this course offers a forward-looking credential that validates your ability to manage AI-related security challenges with confidence and clarity.
Please note :
"The exam is not included with the course. However, the exam voucher can be purchased separately when attending the associated training"
The exam voucher is available only to GK course attendees and cannot be purchased as a standalone product

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

Designed for seasoned, mid-to-senior level cybersecurity and information security professionals looking to specialize in the governance, risk management, and security of enterprise AI systems.

Objectives:

- **After completing this course you should have an understanding of:**
- AI Governance and Program Management including 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 business continuity and incident response.
- AI Risk Management including AI risk assessment, thresholds, and treatment; AI-related strategies, policies, and procedures; AI vendor and supply chain management.
- AI Technologies and Controls including AI security architecture and design; AI life cycle (model selection, training, and validation); data management controls; privacy, ethical, trust and safety controls; security controls and monitoring.

Prerequisites:

Attendees should meet the following prerequisites:

- A foundational understanding of AI systems.
- Hold an active CISM or CISSP certification.
- CISM - ISACA CISM®, Certified Information Security Manager® incl QAE
- CISSP - Official (ISC)2 Certified Information Systems Security Professional Training (CISSP) - Including Exam

Testing and Certification

Recommended as Preparation for the following exams:

- AAISM - ISACA Advanced in AI Security Management™ (AAISM™) Certification

Content:

AI Governance and Program Management

- 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

AI Risk Management

- AI Risk Assessment, Thresholds, and Treatment
- AI-related Strategies, Policies, and Procedures
- AI Vendor and Supply Chain Management

AI Technologies and Controls

- AI Security Architecture and Design
- AI Life Cycle (e.g., model selection, training, and validation)
- Data Management Controls
- Privacy, Ethical, Trust and Safety Controls
- Security Controls and Monitoring

Additional Information:

The AAISM certification exam consists of 90 multiple choice questions administered over two and a half hours. Take it online with remote proctoring or in a local test center throughout the year. (Available in English and Spanish.)

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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