INFOSECTRAIN
Educate. Excel. Empower.

AAIA

Advanced in AI Audit

Certification Training

ISACA Accredited Premium Partner

AAIA

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Course Highlights

30-Hour LIVE Instructor-Led Training

Authorized **ISACA** Training Partner

First-ever dedicated **AI Audit Certification**

Hands-on AI Audit Planning, Testing, & Evidence Collection

Practical Exposure to AI-Specific Auditing Tools & Techniques

Delivered by Certified & Experienced AI Audit Experts

Real-world Application Across All Domains

Comprehensive Notes

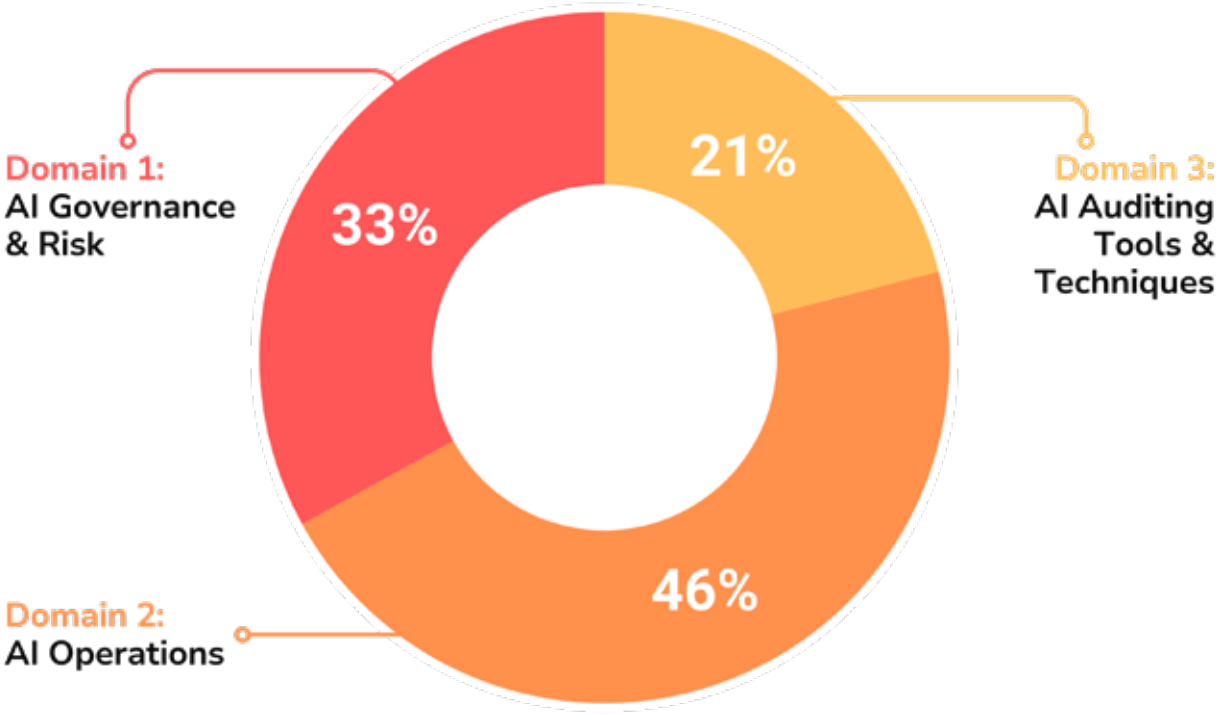
Career Guidance, Mentorship & Post Training Support

About Course

The AAIA **Certification Training** is designed for IT audit professionals. It's built to give participants the precise knowledge and practical skills they need to audit artificial intelligence systems effectively.

This course guides participants through the full AI audit lifecycle. The course covers everything from AI governance and risk management to understanding AI operations and applying specific auditing tools and techniques. The emphasis is entirely on hands-on application, so participants can confidently design, execute, and manage AI-driven audits that meet stringent standards for ethics, security, and compliance.

AAIA domains & Weightage



Course Objectives

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

- Audit AI Governance, Risk, Privacy, and Data Governance Programs across enterprise environments
  Assess AI Solutions across the full development and operational lifecycle
- Evaluate AI Testing, Monitoring, and Supervision processes for audit readiness
  Analyze AI-specific Threats, Vulnerabilities, and Incident Response capabilities
  Apply AI Audit Planning, Testing, and Evidence Collection techniques
- effectively
  Understand AI Regulations, Standards, Ethics, and Responsible AI practices
  Review AI Change Management and Organizational Readiness for AI Adoption
  Lead AI-enabled Audits ensuring accuracy, compliance, and operational innovation

Target Audience

IT Audit professionals with a **CISA, CIA, or CPA** certification looking to enhance their expertise in navigating AI-driven challenges while upholding the highest industry standards. Mid-level to senior professionals who hold a **CISA, CPA or CIA** credential

- IT Auditors
- Senior IT Auditors
- Risk Managers
- Information Managers
- Risk Analysts
- Compliance Analysts
- IT Advisory Consultants

Pre-Requisites

Participants must hold an active CISA, CIA (IIA), or CPA (AICPA) certification, which is subject to audit.

Exam Details

No. of Questions	90 multiple-choice questions
Duration	2.5 Hours (150 Minutes)
Passing Score	Exam scores are converted to a scale ranging from 200 to 800. To pass, a scaled score of at least 450 is needed
Languages	English, Simplified Chinese, Spanish
Testing Center	Candidates can choose between two testing formats: • **In-person:** Administered at authorized PSI testing centers globally. • **Remote Proctored:** Conducted online with a live proctor monitoring the exam.
Eligibility Period	Once registered, candidates have a 12-month window to schedule and take the exam

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Course Content

Domain 1 AI Governance & Risk (33%)

- **AI Models, Considerations, & Requirements**
  - Types of AI
  - Machine Learning/AI Models
  - Algorithms
  - AI Life Cycle
  - Business Considerations
- **AI Governance & Program Management**
  - AI Strategy
  - AI-Related Roles and Responsibilities
  - AI-Related Policies and Procedures
  - AI Training and Awareness
  - Program Metrics
- **AI Risk Management**
  - AI-Related Risk Identification
  - Risk Assessment
  - Risk Monitoring
- **Privacy & Data Governance Programs**
  - Data Governance
  - Privacy Considerations
- **Leading Practices, Ethics, Regulations, & Standards for AI**
  - Standards, Frameworks, and Regulations Related to AI
  - Ethical Considerations

Domain 2 AI Operations (46%)

- **Data Management Specific to AI**
  - Data Collection
  - Data Classification
  - Data Confidentiality
  - Data Quality
  - Data Balancing
  - Data Scarcity
  - Data Security
- **AI Solution Development Methodologies & Lifecycle**
  - AI Solution Development Life Cycle
  - Privacy and Security by Design
- **Change Management Specific to AI**
  - Change Management Considerations
- **Supervision of AI Solutions**
  - AI Agency
- **Testing Techniques for AI Solutions**
  - Conventional Software Testing Techniques Applied to AI Solutions
  - AI-Specific Testing Techniques
- **Threats & Vulnerabilities Specific to AI**
  - Types of AI-Related Threats
  - Controls for AI-Related Threats

- **Incident Response Management Specific to AI**
  - Prepare
  - Identify and Report
  - Assess
  - Respond
  - Post-Incident Review

Domain 3 AI Auditing Tools & Techniques (21%)

- **Audit Planning & Design**
  - Identification of AI Assets
  - Types of AI Controls
  - AI Audit Use Cases
  - Internal Training for AI Use
- **Audit Testing & Sampling Methodologies**
  - Designing an AI Audit
  - AI Audit Testing Methodologies
  - AI Sampling
  - Testing AI Outcomes
  - Sample AI Audit Process
- **Audit Evidence Collection Techniques**
  - Data Collection
  - Walkthroughs and Interviews
  - AI Collection Tools

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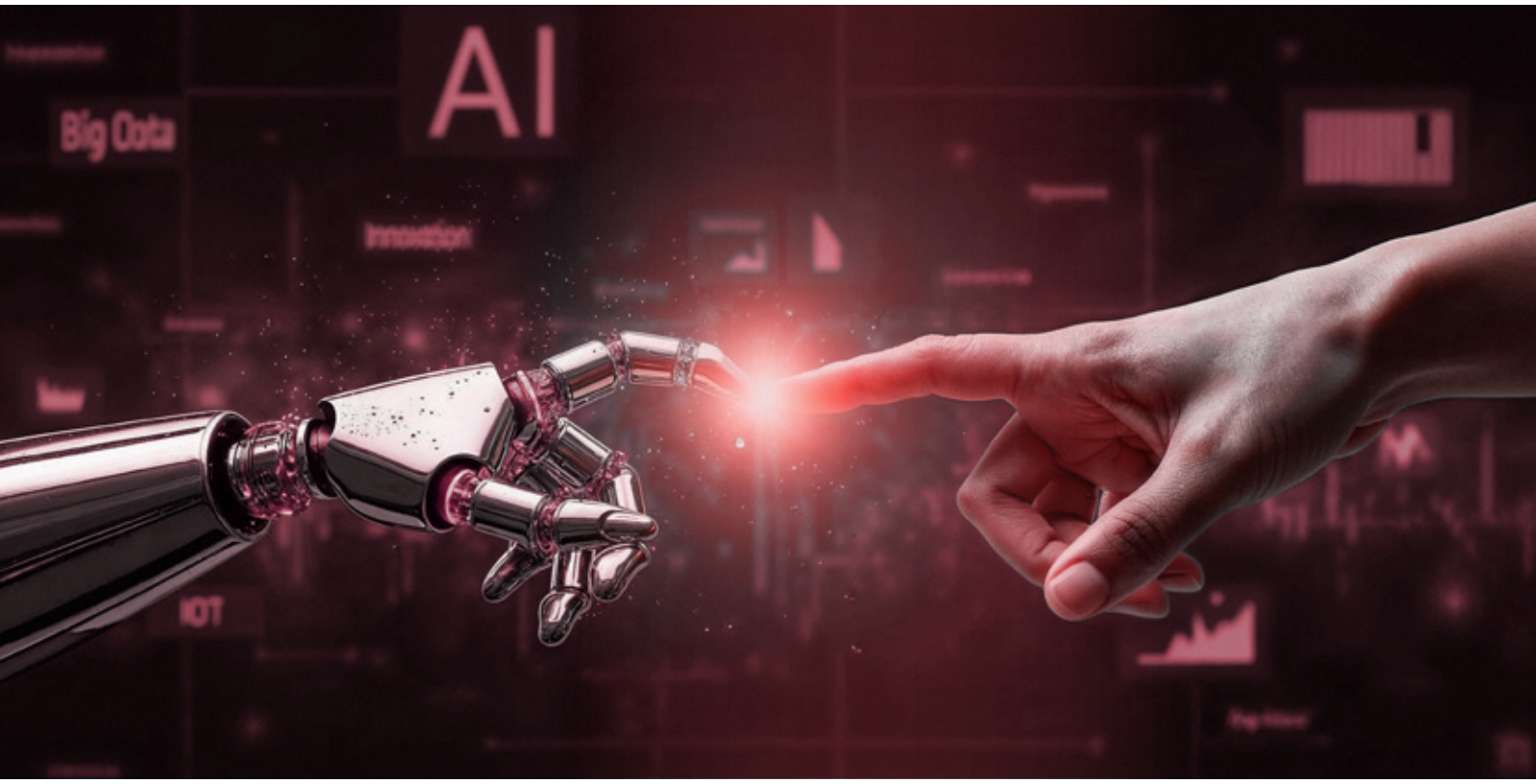
- **Audit Data Quality & Data Analytics**
  - Data Quality
  - Data Analytics
  - Data Reporting
- **AI Audit Outputs & Reports**
  - Reports
  - Audit Follow-up
  - Quality Assurance



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Contact us

www.infosectrain.com
sales@infosectrain.com

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