

Advanced in AI Audit™ (AAIA)

Duration 3 days

COURSE DESCRIPTION

The Advanced in AI Audit™ (AAIA™) course at Sapience is an intensive, instructor-led program designed to prepare experienced auditors to become leaders in the emerging AI future. As the first advanced audit-specific artificial intelligence certification from ISACA®, this course goes beyond foundational knowledge.

Building on the expertise of CISA®, CIA (IIA), or CPA (AICPA) holders, the program empowers auditing professionals with the skills to confidently evaluate the proper governance, design, development, and security of AI solutions within an enterprise.

The course is structured to align with the AAIA job practice, featuring a variety of knowledge checks, case studies, activities, and discussions. This ensures you can apply complex AI audit concepts to real-life business scenarios, preparing you to lead audit and assurance activities in an AI-driven environment.

COURSE OBJECTIVES

By completing this course, the following Learning Outcomes will be achieved:

- Design compliance organizational auditing program and processes for AI solutions, in alignment with organization's strategy, internal and external requirements
- Evaluate audit results of AI solutions to identify gaps and non-compliance in business and IT operations
- Recommend improvements for compliance processes to strengthen the organization's internal controls in auditing programs for AI solutions

COURSE OUTLINE

The AAIA Exam Preparation Course covers the following topics:

- General Examination Information
 - **Domain 1: AI Governance and Risk (33%)**
To advise stakeholders on implementing AI solutions to meet organizational strategic goals, creating ethical and responsible AI policy and governance practices, and mitigating implementation risks, including leading practices in data governance, privacy and security.
 - A—AI Models, Considerations, and Requirements
 - B—AI Governance and Program Management
 - C—AI Risk Management
 - D—Privacy and Data Governance Programs
 - E—Leading Practices, Ethics, Regulations, and Standards for AI
 - **Domain 2: AI Operations (46%)**
To assess an organization's risk profile and the rewards and consequences of AI implementations while ensuring the organization is operationally ready for successful adoption of this powerful technology.

- A–Data Management Specific To AI
- B–AI Solution Development Methodologies And Lifecycle
- C–Change Management Specific To AI
- D–Supervision Of AI Solutions (E.g., Outputs, Impacts, And Decisions)
- E–Testing Techniques For AI Solutions
- F–Threats And Vulnerabilities Specific To AI
- G–Incident Response Management Specific To AI

o **Domain 3: AI Auditing Tools and Techniques (21%)**

Focuses on optimizing audit outcomes through innovation while highlighting your knowledge of audit techniques tailored to AI systems and your use of AI-enabled tools to streamline audit efficiency and provide faster, quality insight.

- A–Audit Planning And Design
- B–Audit Testing And Sampling Methodologies
- C–Audit Evidence Collection Techniques
- D–Audit Data Quality And Data Analytics
- E–AI Audit Outputs And Reports

- Examination Practice

WHO SHOULD ATTEND & PREREQUISITES

This Advanced in AI Audit™ (AAIA™) course is specifically designed for experienced audit professionals looking to expand their audit capabilities into the specialized domain of AI, ensuring proper governance, design, development, and security of AI solutions.

Recommended Learner Profile:

- **Required years of experience in relevant domain :** Minimum of 1 year of working experience.

How to become Certified AAIA™ after passing exam :

This program is ideal for individuals who meet the following criteria:

- **Active CISA, CIA (IIA), or CPA (AICPA) Holders:** Professionals who possess a foundational certification in audit or accounting, indicating a strong understanding of audit principles.
- **Proven Experience in IT Audit or IT Advisory Roles:** Individuals with established experience in auditing information technology systems or providing IT-related advisory services.
- **Some Expertise in Auditing, Assessing, Implementing, and Maintaining AI Systems:** Professionals who already have a degree of familiarity or direct involvement with AI systems in an audit, assessment, implementation, or maintenance capacity.
- **Complete and submit the Application Process (Fee)**

EXAM/CERTIFICATION INFORMATION

Candidates who successfully completed the course and pass the exam will be allowed to apply for formal AAIA accreditation from ISACA.

About the examination:

- Complex Multiple Choice Questions.
- 90 questions.
- 2.5 hours duration.
- Scaled Score between 200 to 800 Marks.
- 450 Marks required to pass.