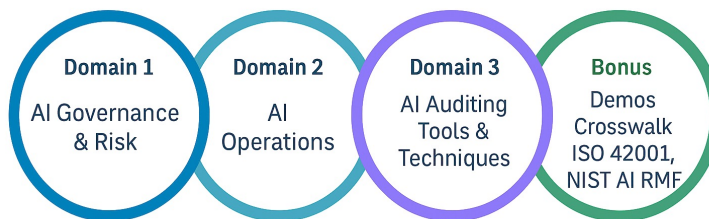# Advanced in AI Audit Workshop

Workshop Summary

This highly interactive and intensive instructor-led virtual or physical workshop prepares professionals for the ISACA® AAIA® certification by aligning with the official exam content outline and real-world implementation scenarios. The program combines conceptual learning, interactive activities, and exam-style assignments to build confidence in AI governance, risk, operations, and audit.

Audience:

- IT Risk and Audit Professionals
- Data Governance & Compliance Officers
- AI/ML Engineers working with regulated AI systems
- Consultants implementing AI assurance controls

Learning Objectives	Participant Deliverables
Explain key AI concepts, risks, and governance requirements. Evaluate and manage AI-related operational and lifecycle risks. Apply auditing techniques and evidence collection in AI contexts.	AAIA Domain-wise Study Guide Mind Maps & Terminology Cheat Sheets Demos, Case-Scenarios, Assignments
Align AI assurance practices with standards (e.g., ISO/IEC 42001, NIST AI RMF)	Crosswalk: ISO 42001 ↔ NIST AI RMF ↔ AAIA Domains, Access to Bonus Tools & Techniques Resource Pack (e.g., SHAP, LIME, WIT)
Prepare effectively for the ISACA® AAIA® certification exam using structured techniques	Domain-wise Practice Question Sets, Mock Test.

Domain 1 — AI Governance & Risk

Domain 2 — AI Operations

Domain 3 — AI Auditing Tools & Techniques

Bonus — Demos Crosswalk ISO 42001, NIST AI RMF

WHY ATTEND THIS WORKSHOP?

ADVANCE YOUR CAREER
Gain in-depth knowledge and skills in AI assurance

INTENSIVE PREP
Condensed training focused on key exam domains

EXPERT INSTRUCTION
Learn from seasoned industry practitioners

HANDS-ON LEARNING
Practice real-world scenarios and case studies

Advanced in AI Audit Workshop

Workshop Coverage

Domain 1: AI Governance and Risk (33%)

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

Domain 2: AI Operations (46%)

Subdomain	Topics
A – Data Management Specific to AI	Data Collection, Data Classification, Data Confidentiality, Data Quality, Data Balancing, Data Scarcity, Data Security
B – AI Solution Development Methodologies and Lifecycle	AI Solution Development Life Cycle, Privacy and Security by Design
C – Change Management Specific to AI	Change Management Considerations
D – Supervision of AI Solutions	AI Agency
E – Testing Techniques for AI Solutions	Conventional Software Testing Techniques Applied to AI Solutions, AI-Specific Testing Techniques
F – Threats and Vulnerabilities Specific to AI	Types of AI-Related Threats, Controls for AI-Related Threats
G – Incident Response Management Specific to AI	Prepare, Identify and Report, Assess, Respond, Post-Incident Review

Domain 3: AI Auditing Tools & Techniques (21%)

Subdomain	Topics
A – Audit Planning and Design	Identification of AI Assets, Types of AI Controls, AI Audit Use Cases, Internal Training for AI Use
B – Audit Testing and Sampling Methodologies	Designing an AI Audit, AI Audit Testing Methodologies, AI Sampling, Testing AI Outcomes, Sample AI Audit Process
C – Audit Evidence Collection Techniques	Data Collection, Walkthroughs and Interviews, AI Collection Tools
D – Audit Data Quality and Data Analytics	Data Quality, Data Analytics, Data Reporting
E – AI Audit Outputs and Reports	Reports, Audit Follow-up, Quality Assurance

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