

ARTIFICIAL INTELLIGENCE IN INTERNAL AUDITING

“Empowering Internal Auditors with the Intelligence of Tomorrow”

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

The internal audit function is rapidly evolving in response to digital transformation. Artificial Intelligence (AI) is no longer a futuristic concept but a practical tool that auditors can leverage today to improve accuracy, efficiency, and risk detection. This course introduces the role of AI in internal auditing, from data analysis and anomaly detection to continuous auditing and strategic assurance. Auditors will learn how to integrate AI into their workflows and develop the skills to audit AI-driven systems themselves.

Objectives

By the end of this training, participants will be able to:

- Understand AI fundamentals and their relevance to audit functions
- Identify AI tools used in internal auditing for data mining, risk scoring, and trend analysis
- Design AI-augmented audit procedures and controls
- Apply audit techniques to assess AI systems, algorithms, and governance
- Explore real-world AI audit case studies and emerging global trends
- Address ethical concerns and regulatory issues surrounding AI in auditing

Why Attend

- Stay ahead in a changing audit landscape by learning future-proof skills
- Discover how to automate time-consuming audit tasks using AI tools
- Enhance audit accuracy with data-driven insights and predictive analytics
- Build confidence in auditing AI systems and evaluating algorithmic risk
- Gain practical frameworks and methodologies to guide AI adoption in your audit team

Target Audience

- Internal auditors and audit managers
- Risk and compliance professionals
- IT auditors and data analytics specialists
- Chief audit executives (CAEs)
- Financial controllers and internal control officers
- Regulatory and assurance professionals

Individual Benefits

- Strengthen audit capabilities with AI-enhanced tools
- Become a pioneer in digital audit transformation
- Build a deeper understanding of data science concepts in an audit context
- Gain strategic insight to audit high-tech, AI-integrated environments

Organizational Benefits

- Increase audit efficiency and scope using intelligent automation
- Strengthen governance over AI-enabled business functions
- Reduce audit cycle time and manual effort
- Develop internal expertise to manage risks related to AI systems

Instructional Methodology

- Expert-led lectures with case study analysis
- Live AI tools demonstrations relevant to auditing
- Interactive group discussions and scenario planning
- Hands-on audit planning exercises using simulated AI environments
- Knowledge checks and daily reflections to reinforce learning

Course Outline

DETAILED 5-DAY COURSE OUTLINE (Customizable) Training Hours: 07:30 AM – 03:30 PM Daily Format: 3–4 Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Foundations of AI and Internal Audit Synergies

- Module 1 (07:30 – 09:30): Introduction to AI in the Business & Audit Context
- Module 2 (09:45 – 11:15): Types of AI Technologies: ML, NLP, RPA & Use in Auditing
- Module 3 (11:30 – 01:00): Identifying Opportunities for AI in the Audit Lifecycle

Day 2: AI Tools, Data, and Audit Analytics

- Module 4 (07:30 – 09:30): Data Analytics & Predictive Modeling in Internal Audit
- Module 5 (09:45 – 11:15): Tools & Platforms: Using AI Software in the Audit Toolkit
- Module 6 (11:30 – 01:00): Anomaly Detection & Risk Scoring Using AI Algorithms

Day 3: Designing and Auditing AI Systems

- Module 7 (07:30 – 09:30): Auditing AI Models: Black Box Risks and Transparency
- Module 8 (09:45 – 11:15): Controls, Governance, and Accountability in AI Auditing
- Module 9 (11:30 – 01:00): Evaluating AI Bias, Ethics, and Fairness

Day 4: Case Studies and Continuous Auditing

- Module 10 (07:30 – 09:30): Real-World Case Studies: AI Integration in Internal Audit
- Module 11 (09:45 – 11:15): Continuous Auditing with AI: Real-Time Assurance Models
- Module 12 (11:30 – 01:00): Regulatory Perspectives on AI and Compliance Auditing

Day 5: Future-Proofing the Audit Function

- Module 13 (07:30 – 09:30): Strategic Planning for AI-Driven Internal Audit Teams
- Module 14 (09:45 – 11:15): Skills, Tools & Culture: Building the Audit Function of the Future
- Module 15 (11:30 – 01:00): Capstone Exercise: Designing an AI-Enhanced Audit Engagement

Certification

All participants who complete the course will receive a Certificate of Completion in "Artificial Intelligence in Internal Auditing"

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In-House / Customized Training

Interested in running this course for your team?

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