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Redefining Internal Audit with AI

إعادة تعريف التدقيق الداخلي
باستخدام الذكاء الاصطناعي



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MILLENNIUM HOTEL & CONVENTION CENTRE SALMIYAH

KUWAIT - STATE OF KUWAIT

Redefining Internal Audit with AI

INTRODUCTION

As Artificial Intelligence (AI) transforms business processes, internal auditors must adapt by integrating AI into risk assessment, fraud detection, compliance monitoring, and audit analytics. As more organizations embed AI into finance, operations, and customer-facing workflows, audit teams also need the skills to assess new AI-related risks (data quality, model bias, automation errors) and use AI responsibly to strengthen assurance.

This 3-day Redefining Internal Audit with AI training provides auditors with the knowledge and practical tools to leverage AI for data-driven decision-making, streamline selected audit procedures, and enhance risk detection capabilities without compromising professional judgment and audit standards.

The program covers AI fundamentals, machine learning applications in auditing, predictive analytics for risk assessment, and AI-powered audit tools. Participants will explore practical AI use cases in internal auditing (e.g., anomaly detection and continuous monitoring), regulatory and governance considerations, and how to integrate AI into audit frameworks, methodology, and reporting.



TARGETED PARTICIPANTS:

- Chief Audit Executives (CAEs) & Internal Auditors
- Risk & Compliance Officers
- Fraud Examiners & Financial Auditors
- IT & Data Governance Professionals
- Audit Managers & Business Process Analysts
- Regulatory & Compliance Professionals

"Empowering auditors with AI-driven insight and control."



OBJECTIVES:

Upon completion of the course the participants will be able to:

- Comprehend AI fundamentals and their applications in internal audit processes.
- Utilize AI-driven tools for fraud detection, anomaly identification, and risk assessment.
- Apply machine learning techniques to analyze audit data and uncover hidden risks.
- Implement AI-powered predictive and prescriptive analytics in internal audit functions.
- Assess ethical considerations, biases, and compliance risks in AI-driven audits.
- Develop AI-integrated audit frameworks for real-time monitoring and reporting.
- Enhance efficiency in audit planning, execution, and control testing through automation.
- Align AI-enabled auditing with regulatory standards and governance requirements.

Redefining Internal Audit with AI

OUTLINE

Day 1: Introduction to AI in Internal Audit & Risk Assessment

Module 1: AI and Its Role in Internal Audit

- Understanding AI, machine learning, and automation.
- How AI enhances audit efficiency, accuracy, and decision-making.

Module 2: AI-Driven Risk Identification & Assessment

- Using AI to detect financial risks, fraud, and compliance violations.
- AI-powered risk scoring and predictive risk models.

Module 3: Fraud Detection & Anomaly Identification with AI

- Leveraging AI for pattern recognition and behavioral analysis.
- Case studies on AI-driven fraud detection.
- Workshop: Participants analyze a dataset using an AI-based fraud detection tool.

DAY 2 - AI-Powered Audit Analytics & Automation

Module 1: Predictive & Prescriptive Analytics in Auditing

- AI-powered forecasting for risk trends and control weaknesses.
- Machine learning models for audit sampling and data analysis.

Module 2: AI & Process Automation in Internal Audit

- Robotic Process Automation (RPA) for audit workflows.
- AI-driven continuous auditing and real-time monitoring.

Module 3: AI & Regulatory Compliance in Internal Audit

- Ethical risks, AI governance, and regulatory considerations.
- Aligning AI-driven audits with COSO, ISO 31000, and IIA standards.
- Case Study: Participants evaluate AI-driven compliance monitoring in an organization.

DAY 3 - AI in Governance, Reporting & Future of AI in Auditing

Module 1: Developing AI-Integrated Audit Frameworks

- Integrating AI into existing audit methodologies and governance structures.
- AI-enabled risk reporting and dashboards for stakeholders.

Module 2: Challenges & Best Practices in AI Auditing

- Addressing AI biases, data privacy, and cybersecurity risks.
- Best practices for AI implementation in audit functions.

Module 3: Exercise: Designing an AI-Powered Internal Audit Strategy

Participants develop a roadmap for AI integration in internal audit.
Peer review and

Redefining Internal Audit with AI

Wassim El Hallak is currently the Chief Audit Executive at Abunayyan Holding, he has an extensive background in Internal Audit, Governance, Risk, and Compliance (GRC) through his roles in various reputable organizations. As the Executive Director of Internal Audit at the National Agricultural Development Company (NADEC), he oversees financial, operational, and support services audit functions, ensuring efficiency, effectiveness, and compliance through comprehensive audits and risk assessments. His role involves developing audit strategies, driving process improvements, and maintaining compliance with regulatory requirements and internal policies. Previously, at PwC, Wassim managed forensic technology projects, coordinated forensic reviews and investigations, and provided expert guidance on forensic technology methodologies, ensuring the integration of forensic technology solutions and staying abreast of emerging trends in the field.



Wassim's financial background is robust, with a Bachelor of Banking and Finance from the Lebanese American University and certifications in CISA, PMI-PMP, and PMI-RMP. His career milestones include leading internal audit teams at BUTEC Holding and providing audit and management consultancy at Al Chammaa Group. At Deloitte, he planned and executed financial, operational, and compliance audits, advised management on risks and best practices, and prepared audit reports. His expertise spans various industries, including retail and corporate banking, credit administration, and corporate governance, serving major clients such as Al Rajhi Capital and the National Commercial Bank Capital. His contributions have included conducting risk assessments, evaluating control environments, and ensuring compliance with internal and regulatory standards.

SPEAKER:

Wassim El Hallak

Wassim also excels in providing training on Internal Audit, Artificial Intelligence for Internal Audit, Governance, Risk, and Compliance (GRC), and Project Management topics. He has led numerous webinars, courses, and seminars on Internal Audit Tools, Governance Regulatory & Risk Strategies, Fraud Risk Assessments, and Technology Risk & Governance.