



AI Bootcamp

By the *Institute of Internal Auditors Belgium*



Training Objectives

With AI solutions becoming increasingly accessible—especially since the launch of ChatGPT—organizations across all sectors are integrating AI into their processes. This democratization of AI presents new opportunities and challenges, making it essential for internal auditors to understand and oversee these innovations. Our training equips auditors with the foundational skills needed to audit and guide AI use effectively within their organizations.



AI Foundations

We provide insights in the basics of AI. We dive into the theory first, explain what AI is and how it learns. We will illustrate the potential of AI by discussing how it is used in all kinds of business / industry applications.

Practical AI

In a guided workshop, we will introduce trainees to working effectively with tools such as ChatGPT. Furthermore, we provide a guided experience in identifying and validating AI use cases from various perspectives.

Auditing AI solutions

During the training, we will explore governance, risk and compliance aspects related to implementing AI solutions. We provide a theoretical basis which participants will apply in practical use cases. We share several guidelines as a rule of thumb for using AI for professional purposes.



Learning Objectives

After completing this training:

- You have a clear understanding of what AI is and what types of AI applications exist (Predictive Analytics, Computer Vision, Recommender Systems, Natural Language Processing, Generative AI, Large Language Models, etc.).
- You have gained insight into the possibilities of AI for your company through practical examples and know how to spot and validate AI use cases.
- You are able to use Large Language Models (tools like OpenAI ChatGPT, Google Gemini, Microsoft CoPilot, etc.) as a virtual assistant for your business.
- You will have learned about guidelines for responsible daily AI use in your organization.
- You understand AI governance principles, ethical standards, and the global regulatory landscape, including key regulations like the EU AI Act and GDPR.
- You developed skills in audit planning, risk assessment, and evaluating AI models for transparency, fairness, and compliance across the model lifecycle.
- You learned best practices for documenting AI audit findings, establishing continuous monitoring, and scaling AI compliance practices across the organization.
- You can assess when it is best to call on a partner.
- You had the opportunity to ask pressing questions to an AI and digital innovation experts.

Training Outline

Below you may find a general outline of the content we plan to cover during the first two training days and the three day workshop.

Day 1: 18 February 2025

- Introduction to AI: What is AI and how does it learn?
- AI applications: Examples of how AI techniques are being effectively used in different industries.
- Workshop “The art of prompting”: Exploring how to write effective prompts
- Responsible use of AI solutions from the users’ perspective
- Practice: Understanding the ethical aspects of AI with MoralMachine

Day 2: 11 March 2025

- Recap: Sharing experiences and Q&A.
- Practice: Advanced prompting challenges.
- A comparison between different LLM tools such as ChatGPT, Microsoft CoPilot, Google Gemini, Claude etc.
- AI in business context:
 - Levels of innovation with AI: Productivity boosters / Differentiating use cases / Transformative use cases.
 - Practice: Identifying and validating AI use cases with the AI Canvas.

Workshop Outline

18, 25 March & 1 April 2025

- **Introduction to AI Governance** – Understand AI governance principles, frameworks, and the importance of compliance for organizational integrity.
- **Global Regulatory Landscape** – Gain insights into the EU AI Act, GDPR, and global AI regulations, and their implications for auditing practices.
- **Ethical AI Frameworks** – Explore ethical principles like transparency, fairness, and accountability to ensure responsible AI usage.
- **Audit Frameworks and Methodologies** – Learn about audit frameworks (e.g., NIST, ISO) and adapt them for specific industry needs.
- **Audit Planning and Risk Assessment** – Develop skills to plan audits, define scope, and assess risk areas within AI systems
- **Data Governance and Privacy Compliance** – Ensure data practices align with privacy standards, including GDPR, in AI implementations.
- **Technical Evaluation of AI Models** – Assess model transparency, fairness, and robustness using auditing tools and techniques.
- **Model Lifecycle Management** – Audit the full AI model lifecycle, from training to deployment, to ensure compliance at every stage.
- **Continuous Monitoring and Risk Mitigation** – Establish ongoing monitoring practices and adaptive compliance strategies to manage AI risks.
- **Audit Reporting and Organizational Scaling** – Document findings effectively, communicate recommendations, and scale audit practices organization-wide.





Trainers



Stefano Moi

Digital Coach & Sales Manager | The Value Hub

Stefano is on a mission to help business and technology leaders prepare for tomorrow's challenges and opportunities. He loves to bring people together to come up with innovative ideas and help them bring their ideas to life by co-creating digital products.



Jens Meijen

Managing Partner | UMANIQ

Jens is also a doctoral researcher at KU Leuven and a research fellow at the Portulans Institute in Washington DC. Previously, he was a Fulbright Fellow at Stanford University, a Europaeum Scholar in the University of Oxford's Europaeum network, a Global Policy Fellow at the Institute for Technology and Society in Rio de Janeiro, and an Atlantic Dialogues Emerging Leader in Morocco.

Pricing & Registration

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