

ALL THINGS ARTIFICIAL INTELLIGENCE

IIA Singapore's February 2025 Artificial Intelligence Survey

Artificial Intelligence (AI) has long been part of the internal audit profession, with tools like ACL and IDEA widely used for data analysis, fraud detection, and trend analysis. More recently, internal audit has integrated machine learning for predictive risk assessment and AI-powered Natural Language Processing (NLP) to review contracts, policies, and financial statements. Today, AI and Robotic Process Automation (RPA) are streamlining audits by automating tasks like invoice verification, fraud detection, and compliance testing. Additionally, Generative AI, such as ChatGPT, is being explored to enhance audit documentation, risk identification, and internal control assessments, further expanding AI's role in auditing.

I am excited to share the findings of our survey on the Impact of AI on Corporate Governance, Risk Management and Internal Audit, conducted in February 2025 which was released on 21 March 2025. With 190 responses and 37 questions, the survey provides valuable insights into AI adoption, governance challenges, and assurance needs. One key takeaway is that AI in the internal audit profession is here to stay, though adoption levels vary across organisations. This highlights the growing need for better understanding and collaboration to help internal auditors effectively integrate AI into their work.

Notably, 45.2% of respondents reported that their internal audit teams have not received AI training pointing to a significant skills gap. Additionally, 39.5% of internal audit functions have yet to begin auditing AI systems, though 30.5% plan to embark on it, reflecting a gradual shift toward AI assurance. AI adoption within organisations also varies, with 40% reporting limited adoption and 39.5% indicating moderate adoption. These findings emphasise the need for greater investment in AI training, governance frameworks, and audit methodologies to ensure internal audit remains equipped to address AI-related risks and opportunities.

IIA Singapore is dedicated to helping professionals navigate AI's impact on governance, risk, and internal audit by providing thought leadership, webinars, technical briefs, and practical guidance through the [IIA Global AI Knowledge Centre](#). We are also planning to hold an AI Symposium to explore this critical topic. To further support learning, we are expanding opportunities through various AI and data analytics courses in the second half of 2025. We encourage you to explore these resources and enhance your expertise in this evolving landscape.

- [AI and Machine Learning with Excel](#)
- [AI Management Systems and ISO 42001 for Everyone](#)
- [Essentials for AI Auditing](#)
- [Excel VBA Essentials for Internal Auditors](#)
- [Data Analytics, a Game Changer in Modern Auditing](#)
- [Data Analytics and Visualisations with Excel for Internal Auditors](#)
- [Data Analytics with SQL for Internal Auditors](#)
- [Unlocking the Power of AI: A Practical Workshop for Auditors](#)

Recent Scams using AI

On 12 March 2025, the Singapore Police Force (SPF), Monetary Authority of Singapore (MAS) and Cyber Security Agency of Singapore (CSA) alerted members of the public to scams involving digital manipulation, in which AI is allegedly used to create or manipulate synthetic media (i.e. deepfakes) through a [Joint Advisory on Scams Involving Digital Manipulation](#).

The precautionary measures advised included establishing protocols for employees to verify the authenticity of any video calls or messages, being mindful of urgent transfers and verification of the authenticity of instructions and checking for tell-tale signs that could suggest the manipulation of the audio or video through AI.

Other Developments

Third-Party Topical Requirement

A new draft [Third-Party Topical Requirement](#) and [User Guide](#) on third-party risks is open for comment through public consultation [survey](#) from 6 March to 20 April 2025. I urge you to take the opportunity to provide your views through the survey.

Finally, as we close March and welcome April, we wish our Muslim colleagues and members a Selamat Hari Raya!

Yours sincerely

Stephen Ching
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The Institute of Internal Auditors Singapore