

## Digital learning opportunities at IATD

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Over the last few weeks much of the public media have devoted to the impact of artificial intelligence (AI). With the phenomenon of ChatGPT, we saw the rapid growth of comments on chatbots and how a workforce can be replaced by such generative AI.

Generative AI models use neural networks to identify and simulate patterns and structures within existing data to generate new and original content. Generative AI models have the ability to leverage different learning approaches and platforms to 'generate' materials. The tools of generative AI can exist for many modalities, such as text, imagery, music, code and voices. Text generation tools include GPT, AI-Writer and so on. Generative AI startups raised US\$1.7billion in Q1, 2023, with an additional US\$10.68 billion worth of projects in progress within the same quarter.

AI is something we all will engage in, from transport services, to education products, to project prototypes and infrastructural development. Accountants must be prepared to appreciate how to navigate AI systems, such as in financial modelling, assurance and investigative projects, and developing learning tools.

IPA has been in discussion with TAFE NSW to develop an understanding of how best to provide members the latest learning opportunities in digital competencies, as part of the development of the Group Competency Framework. TAFE NSW has established the Institute of Applied Technology (IAT) with a number of sponsors including the Australian Government, Macquarie University, University of Technology Sydney, KPMG, SAP, Microsoft, and others, in a number of areas in Technology. The first and foremost is IATD – the Institute of Applied Technology – Digital.

Here is a snapshot of IATD, an industry-led learning hub for cyber security, data analytics and Artificial Intelligence. The presentation is provided by the IATD management, and learning opportunities are offered to IPA members at a reduced cost, or free, as subsidised by the Australian government for an initial period.

Please check out the micro programs and courses in AI and digital courses that may provide you the opportunities to access the state of the art on this digital development.

[TAFE NSW Presentation](#)

