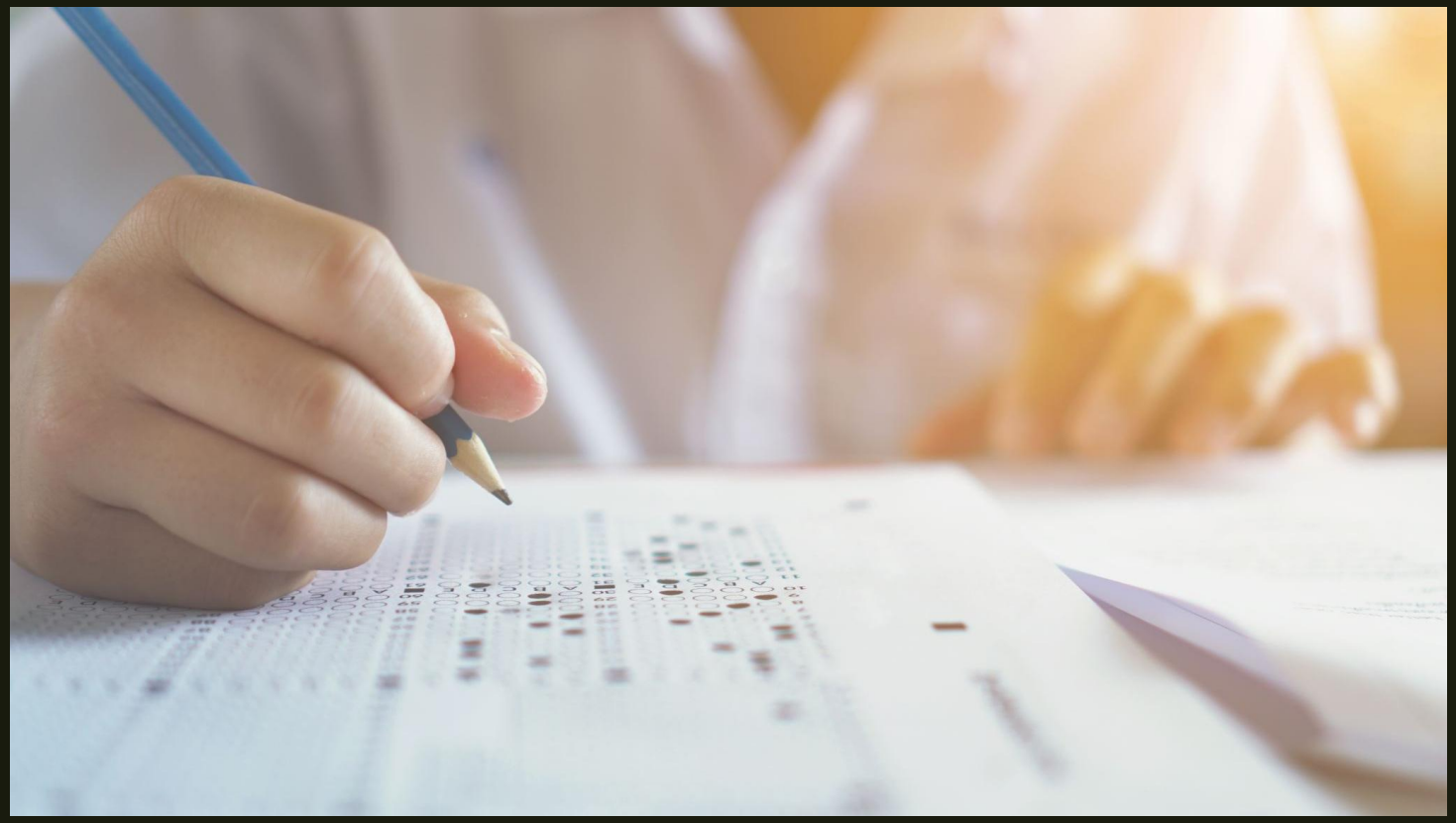


AI AND LEGAL PRACTICE

Alison Holt, e-Judiciary
Adviser to the Chief Justice

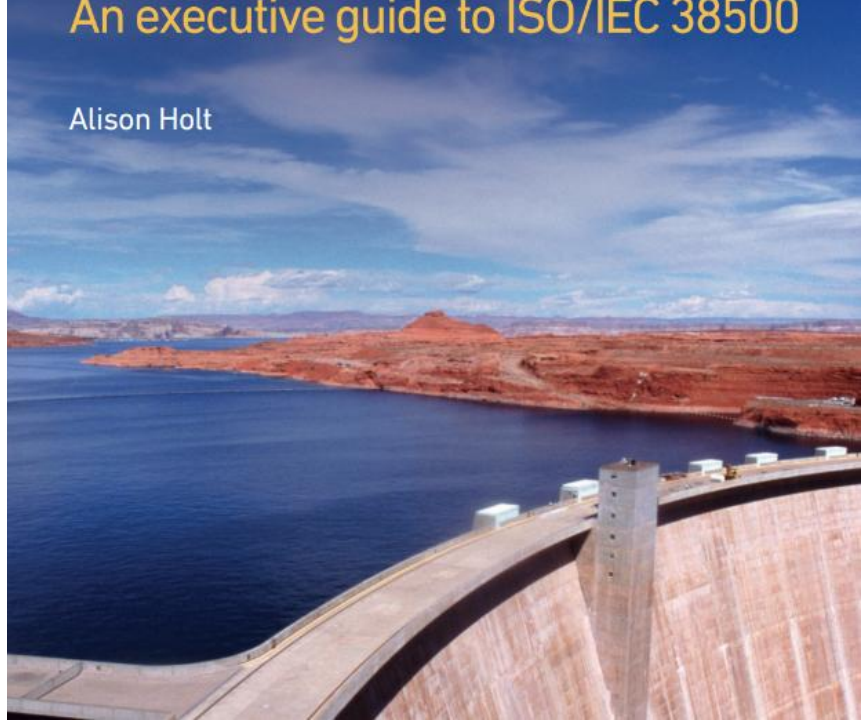
Introduction

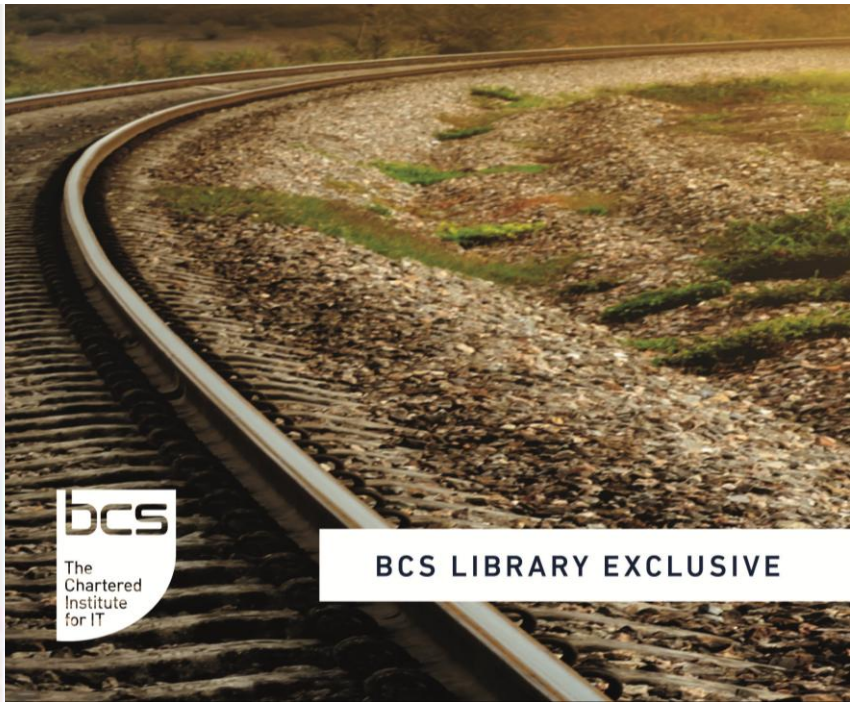
A member of the CLA Legal Tech and Innovation Committee.

A technologist with a law degree.

An author of IT Governance, Data Governance and Data Safe books.

An Adviser to the Chief Justice.





The History of AI

- **1942**
  - Isaac Asimov
  - The Three "Laws" of Robotics
  - The Fourth Law
- **1950**
  - Alan Turin
  - The Turin Test
- **1950 – 2000**
  - Lots of IT Development
  - Moore's Law
- **2002**
  - AI in home appliances
  - iRobot Roomba enters the home
- **2014**
  - Smart Assistants
  - Response to Voice Commands
  - Alexa as a Witness – Murder of Silvia Galva, Florida
- **2025**
  - AI Embedded in Everyday Things
- **2030**
  - AI Systems Matching or Surpassing Human Systems
  - Artificial General Intelligence systems
  - Speaking intelligibly to whales?

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  - Scams, Deepfakes, Fictitious Legal Authorities
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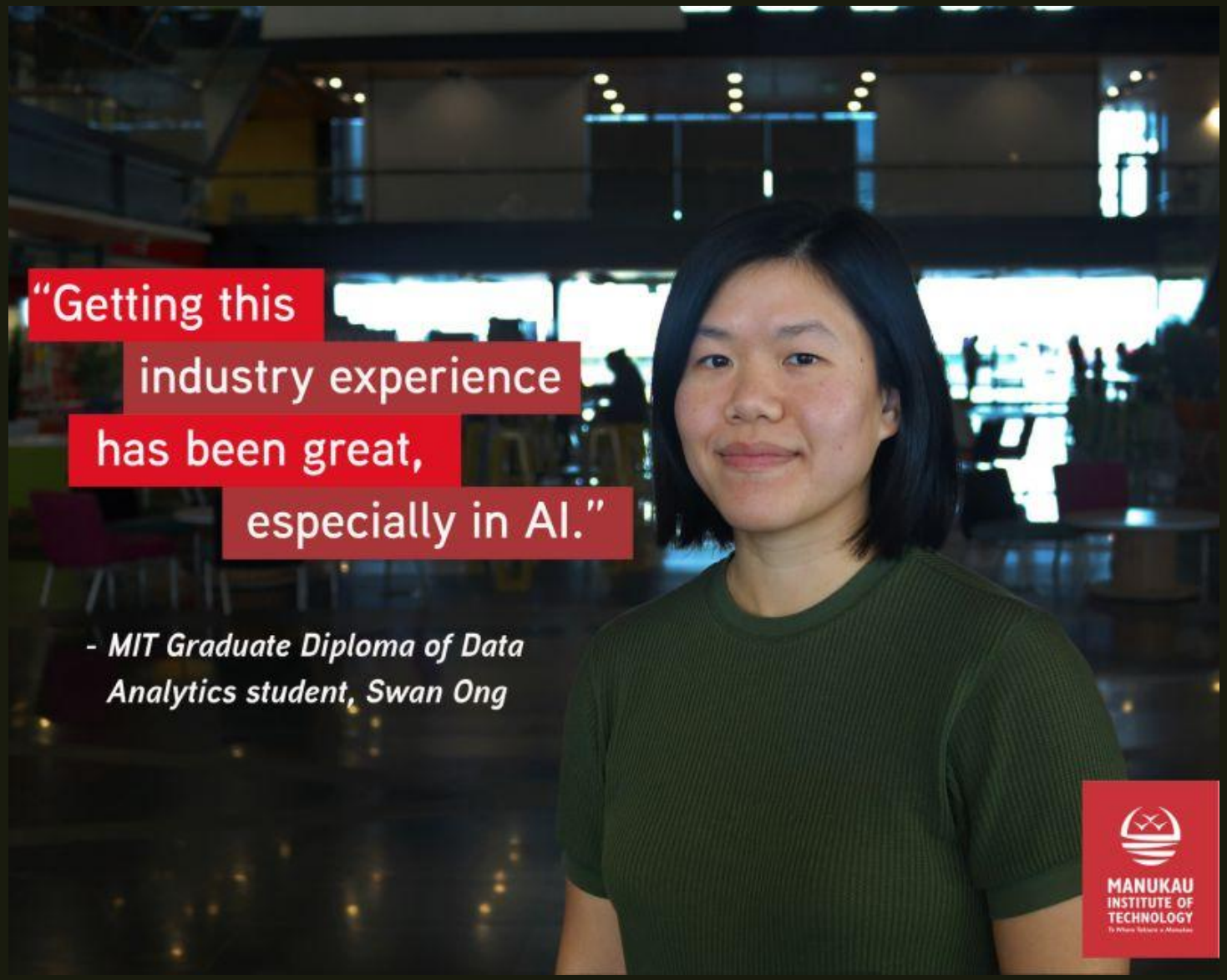
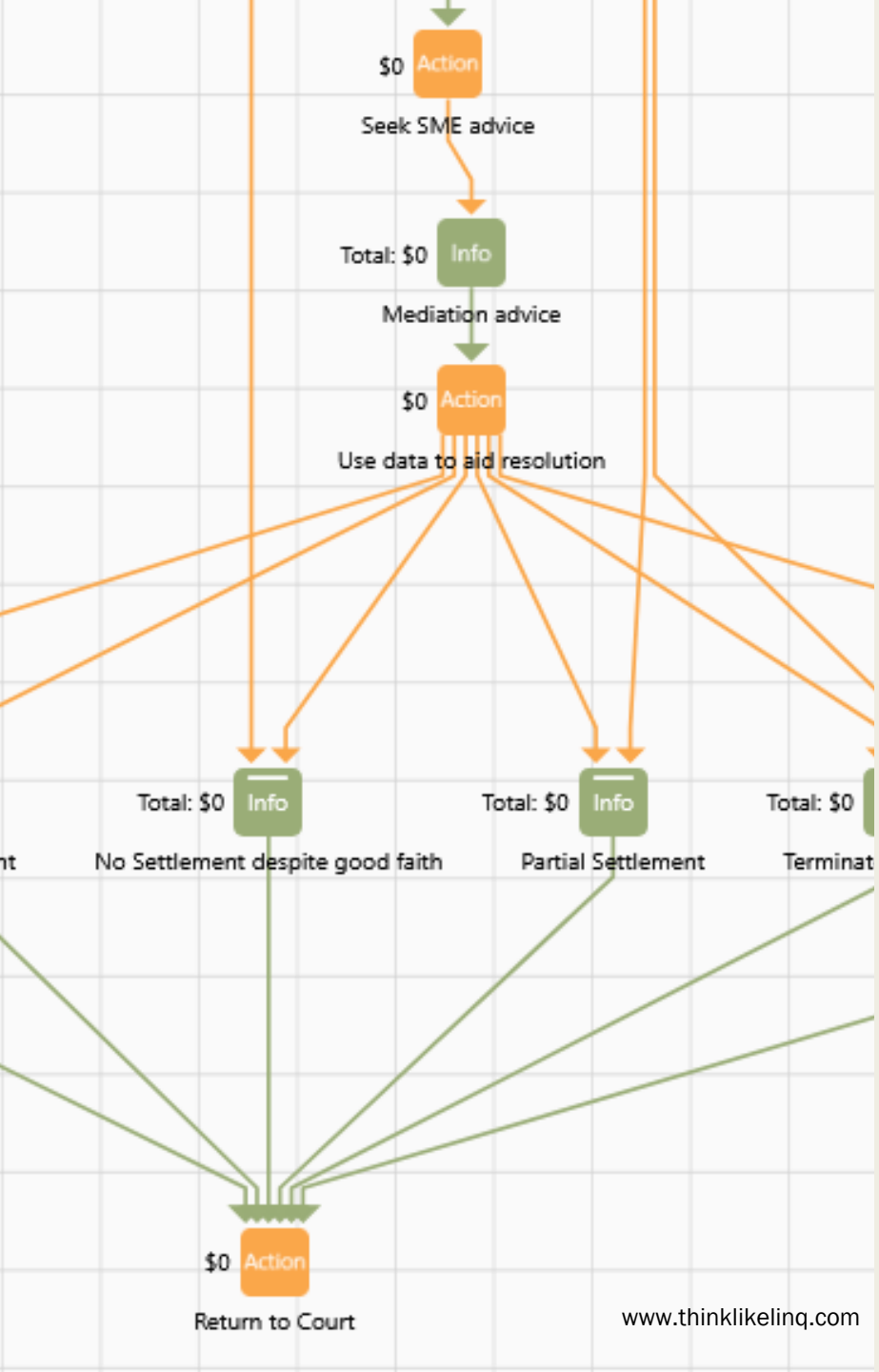
The Risks of Using AI

- An AI system is only as good as the data that feeds it. (Beware bias & mis-information).
- An AI system often reflects the ethical code of its developers. (Buy from reputable vendors).
- AI systems can make identity theft easier. (Be vigilant for scams, deepfakes and fraud & don’t share personal or confidential information with a chatbot or GPT).
- AI systems work on likelihoods, probabilities and averages. An AI system might take an average of cases related to the topic of your enquiry and return an answer that looks valid but is totally fictional. (Beware hallucinations).
- An AI system might lie occasionally to give a more realistic user experience.
- An AI system can return an answer that is valid, but not useful for your specific context. (Check every answer that comes from an AI system for accuracy and authenticity).



Our First AI Project 2019

- PNG Sentence Prediction Engine.
- Developed with Auckland Data Analytics and Data Science Graduates.
- Using the Council of Europe CEPEJ Guidelines to guide ethical development and use.
- Basis for an AI Training Tool.



www.thinklikelinq.com

The Benefits of Using AI

With the risks understood, we can focus on the many benefits of using AI in a legal practice:

- Determining Practice Location and Focus
- Marketing and Client Retention
- Client Management
- Document Management
- Legal Research and Drafting
- Reviewing and Practising Arguments for a Case
- Using Digital Assistants
- Automating Basic Tasks
- Determining Identity
- Building a Practice Chatbot (FAQs)
- Building a Digital Twin (Resource Planning)

CLA Declaration on the Use of AI 2025

CLA Declaration on the Use of AI 2025

What Next for AI?

Increasingly Prevalent AGI Systems (Equalling or Surpassing Human Intelligence) Require:

- A Trusted Mechanism for Verifying Digital Authenticity,
- Better AI Regulation and Governance, and,
- Agreed Ethical & Societal Norms for General AI Use.

What Next for the CLA Legal Tech & Innovation Committee?

Developing AI Guidance for Legal Practice.

What do you need?