



What to look out for when procuring an AI Solution – Legal and Technology Essentials

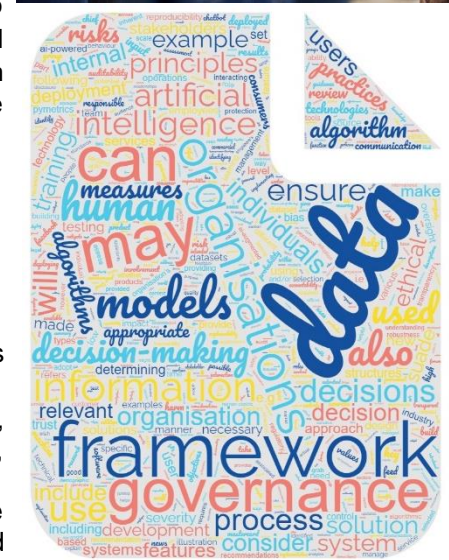
Course Objectives

Your company may be looking into AI solutions – whether it is to harness generative AI to create reports, marketing material, etc., or use AI technologies to make recommendations, analyse patterns in data, or verify customer IDs – and you may be required to assist in negotiations with/vet the contracts from a vendor who will either customise an existing solution or create a bespoke AI system for you, or sell you an off-the-shelf solution.

This course aims to equip you with both the technical understanding and legal knowledge so that you are in a better position to frame questions to your vendor (and understand their responses), co-ordinate with your technical teams, and negotiate your contract, so that your company's rights are protected and that you get the right solution. The course will also address the principles/recommended actions in the Model AI Governance Framework and the Model Generative AI Governance Framework published by Singapore's IMDA, which helps you to ensure that your company's AI solution is in line with these guidelines. Where appropriate, we will draw parallels to international AI regulations and guidelines as well.

Learning Outcome

1. Gain a working understanding of the technology
 - a. Engineering perspective about “artificial intelligence” in terms of coding as well as similarities and differences to other technologies.
 - b. Clarity in critical terminology around “machine learning” in terms of “model”, “algorithm”, “code”, “weights”, “neuron”, “neural networks”, “generative”, “probabilistic”, “determinative” etc.
 - c. Foundations of large language models (LLMs), and how AI systems can be customised e.g., in terms of “fine-tuning” and “retrieval-augmented generation”.
2. Have a clear picture of your obligations/recommended actions as a deployer of an AI solution:
 - a. Deployer's legal obligations under Singapore's laws like the Personal Data Protection Act 2012.
 - b. Recommended actions for developers, based on the Model Artificial Intelligence Governance Frameworks for traditional AI and generative AI, and other key regulatory documents.
 - c. With an understanding of the duties you must discharge, the next step of what to ask of the developer/vendor to assist you in discharging your duties.
3. Know what key terms to look out for when reviewing contracts for AI solutions and how to amend them to suit your company's needs
 - a. Review of sample contract clauses, such as clauses relating to indemnities for IP infringement, bias, testing and documentation;
 - b. The sample clauses will also be discussed in light of the principles/recommendations contained in the Model AI Governance Frameworks, AI Verify, etc., so that they are localised to Singapore.





Who should attend?

This course is ideal for **in-house counsels**, as they may be called upon to review contracts or carry out negotiations relating to AI technology.

Course Details

Course Code: AI201

Course Title: What to look out for when procuring an AI Solution – Legal and Technology Essentials

Course Duration: 9.00 am – 1.00 pm (approximately 4 contact hours)

Mode of Training: In-person

Venue: Drew & Napier LLC
10 Collyer Quay, 10th Floor Ocean Financial Centre,
Singapore 049315

Course Fee: S\$40.00 (excluding GST)

You may register for this course and view all available courses on our course schedule page (www.drewnapier.com/Academy/Course-Schedule).

Course Outline

- What is AI
 - Examining legal and technical definitions
 - Learning how an AI system is trained
 - Explaining common terms
- Overview of AI Regulation in Singapore
- Explaining LLMs and how they are customized
- Procuring an AI Solution
 - Various forms of third-party vendor involvement
 - Parties in the AI ecosystem
 - Obligations on and recommended actions for deployers of AI systems
 - Discussion of key contractual clauses



Course Facilitators



Cheryl Seah is a Director at Drew & Napier LLC, where her key areas of practice are Technology, Media and Telecommunications, and Artificial Intelligence & Digital Trust. Cheryl advises companies ranging from Fortune 500 MNCs to local and foreign start-ups on legal and governance issues arising from their use of AI at all stages of the AI life cycle: from procuring the computing resources, to the data used in model training, to the IP and liability issues arising from the output. Clients include legal technology providers deploying their products in Singapore, and companies who wish to customise their own generative AI applications to generate documents and code.

Cheryl also advises clients on regulatory matters, such as cybersecurity, payment services and gaming. She publishes frequently on legal issues arising from the use of AI with the Law Society of Singapore and has conducted talks on AI for external organisations (e.g., IPOS International, LexisNexis SEA), regulators in an ASEAN jurisdiction, and a European university. She has also been invited to contribute her views on AI issues with research institutions such as the Global Cyber Security Capacity Centre at the University of Oxford, and the Global Index on Responsible AI.

In her previous role as a legislative drafter in the Legislation Division of the Attorney-General's Chambers (Singapore's central law drafting office), she has drafted legislation across a wide variety of subjects, with a focus on transport (including autonomous vehicles), infrastructure, technology, and civil procedure.



Albert Pichlmaier is Senior Learning Technology Designer with Drew Academy and concurrently Senior Cybersecurity & Privacy Engineer with Drew & Napier's Data Protection, Privacy & Cybersecurity practice. He holds a degree in Computer Science from a German tertiary institution. He is a Certified Information Systems Security Professional (CISSP), a Certified Data Privacy Solutions Engineer (CDPSE), a holder of the Singapore WSQ Advanced Certificate in Learning and Performance (ACLP), and a certified Blockchain Developer. Albert is credited as an inventor of two patents granted in Germany and other countries. His technical expertise provides Drew & Napier and our clients with a wide-ranging perspective on matters involving Cybersecurity, Cryptography, Quantum Computing, Artificial Intelligence / Machine Learning,

Blockchain Development, Data Analytics, Big Data, and Data Visualisation, amongst others. For the courses and webinars under the Drew Academy, he draws from this pool of knowledge and experience to explain technical content to non-technical audiences, develop proof-of-concept and learning tools, and engage with experts on finer details.

Albert was formerly an Executive Manager with the Personal Data Protection Commission (PDPC), where he was involved in technology assessments for data breach investigations, research into trending / disruptive technologies and advising on technical aspects of various PDPC guidelines and publications (amongst other matters). Prior to his role with the PDPC, Albert worked in several technology-related roles with Infocomm Development Authority of Singapore (IDA) and various companies in Germany, Spain and Singapore including as Vice President of research and development, lead testware engineer and software engineer. He was also a technopreneur, having set up a company to provide testing tools for embedded systems and smartcard applications.