



# Securing Personal Data

## Course Objectives

“Reasonable security measures” is the most common legal short form expression for regulator’s expectations that organisations protect Personal Data. Unlike other data protection concerns, these expectations apply (more or less) equally to the entire ecosystem, be it data owners, data custodian, data intermediaries, and vendors. Often viewed as mostly “IT security”, data protection mechanisms come in fact in hugely diverse forms. While they share certain traits, each have their own advantages, issues, strengths, and risks, depending on the defence concerns and use-case scenarios. The focus of this course is to provide a practically oriented framework and critical comparison of the key principles of protection mechanisms, be they implemented as cybersecurity controls, data protection measures, or privacy engineering techniques. This course is catered to a non-technical audience, covering the crucial points without getting overwhelmed by the challenging technical terms and implementation details. At the end of this course, participants will be in a better position to drive and/or decide about internal/external security approaches and policies, scope and suitability of techniques, and also vendor claims. Participants will better appreciate why “there is no 100% security” and “no one size fits all in security” while getting a sense what can be realistically expected from various existing and evolving techniques and technologies.

For a deeper dive into some of the topics covered in this course, please consider our other courses like [Fundamentals of Cryptographic Privacy Enhancing Technologies](#), [Quantum Computing Concepts for Cybersecurity](#), [Anonymisation, Pseudonymisation, and De-identification Primer](#), or [Cybersecurity Primer](#).

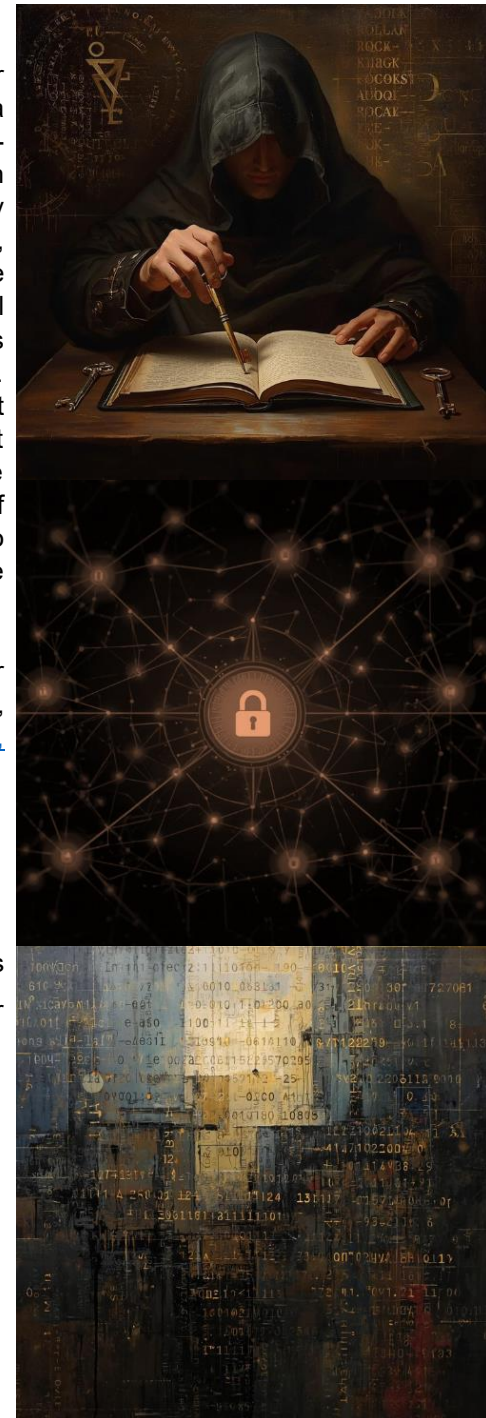
## Who should attend?

- C-Suite, Board members, and DPOs
- Governance, Risk and Compliance Professionals, Data Analysts, Project Managers
- Executives, Managers, and Staff involved in the management, collection, use or other processing of personal data

## Course Details

Course Code: PE105  
Title: Securing Personal Data  
Duration: ½ day  
Mode of Training: In-person  
Venue: Drew & Napier LLC  
10 Collyer Quay, 10th Floor, Ocean Financial Centre  
Singapore 049315  
Course Fee: S\$300.00 (excluding GST)

To view available dates and register for this course, please click [here](#). You may also register for this course and view similar courses on our course schedule page ([www.drewnapier.com/Academy/Course-Schedule-Ours](http://www.drewnapier.com/Academy/Course-Schedule-Ours)).





## Course Outline

- **Core Protection Mechanisms**
  - Access Control
  - Obfuscation
  - Cryptography (Traditional, Quantum, Post Quantum)
  - Removal (Delete / Purge / Secure Erase)
  - Data minimisation
- **Personal Data Specific Techniques**
  - Pseudonymisation and Anonymisation
  - Privacy Enhancing / Enhanced Technologies (PET)

## Course Facilitator



**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 Certified Artificial Intelligence Governance Professional (AIGP), 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 covers a wide-ranging area of matters involving Cybersecurity, Privacy Engineering,

Cryptography, Quantum Computing, Artificial Intelligence / Machine Learning, Blockchain Development, Data Analytics, Big Data, and Data Visualisation. 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 is officially recognised on the Lexology Index (previously Who's Who Legal) 2025: Recommended (Data - Data Experts, Southeast Asia - Data Experts) and Highly Recommended (Client Choice - Data - Data Experts).

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 technology-related organisations in the private and public sector in Germany, Spain, and Singapore. He was also a technopreneur, having set up a company to provide testing tools for embedded systems and smartcard applications.