



Digitalization Series (July to August 2025)

**LIVE
 WEBINAR**



In today's rapidly evolving digital landscape, organizations across industries are turning to artificial intelligence (AI) to accelerate transformation, strengthen cybersecurity, and unlock data-driven insights. This upcoming series taps directly into these powerful market trends by offering comprehensive coverage of AI's applications in digitalization, with a special focus on cybersecurity enhancement, advanced data analytics, change and transformation management, and intelligent financial reporting.

Participants will gain practical knowledge and strategic foresight on integrating AI to streamline operations, strengthen risk management and foster agile innovation. Designed exclusively for accounting professionals, this series will explore how AI is transforming the industry and focus on key advancements such as real-time data processing, automated reconciliation, anomaly detection, and predictive forecasting – all driving to greater accuracy, efficiency, and strategic-making. By attending, participants will not only deepen their understanding of cutting-edge AI technologies but also leave equipped with actionable insights to future-proof their organizations and lead digital transformation with confidence.

Topic/ Programme code	Date and time	Competency*	Rating*	CPD hours	Speaker
AI-powered Digital Tools Tailored for Accountants in Hong Kong (EWEB25071801)	Friday, 18 July 2025 1:00 p.m. – 2:00 p.m.	Information Technology, Accounting and Financial Reporting	Foundation	1	Mr. Thomas Lee Lecturer, HKU Space
Cybersecurity and Data Management (EWEB25072501)	Friday, 25 July 2025 12:30 p.m. – 2:00 p.m.	Information Technology	Foundation	1.5	
Data Analytics for Accounting and Finance (EWEB25073001)	Wednesday, 30 July 2025 1:00 p.m. – 2:00 p.m.	Information Technology	Intermediate	1	
Transformation Management and Change Management in Digitization Processes (EWEB25080801)	Friday, 8 August 2025 1:00 p.m. – 2:00 p.m.	Change Management, Information Technology	Intermediate	1	
Impact of AI, Cybersecurity and Digital Transformation (EWEB25081501)	Friday, 15 August 2025 1:00 p.m. – 2:00 p.m.	Information Technology, Industry Knowledge	Advanced	1	



Format	Webinar
Language	Cantonese
Fee (for each session)	HKICPA member or student or IA: HK\$160 Non-member: HK\$360 <i>(An email will be sent to you when your registration is accepted. You can access the webinar by tablet, smart phone or PC.)</i>
Participants	Accountants; Professionals who want to understand Artificial Intelligence (AI) #Participants should have some accounting background to appreciate AI works in the accounting field. Some basic knowledge of blockchain and cryptocurrency is nice to have if the ratings of events are categorized as intermediate level or above. Participants are advised to complete all foundational and intermediate level sessions before moving to the advanced one.
Sub-competency*	Technology-related upgrades and implementations; Driving high performance, making decisions; Risk and security management; Data management and analysis; Developing plans, evaluating and managing change initiatives; Business and product knowledge

* Please refer to the [competencies and ratings for CPD events](#).

About the programme

AI-powered Digital Tools Tailored for Accountants in Hong Kong (EWEB25071801)

This webinar will explore the transformative role of Artificial Intelligence (AI) in modern accounting, particularly within the context of Hong Kong.

Speaker will begin with a foundational overview of AI technologies – such as machine learning, neural networks, natural language processing, and robotics – and then examines practical applications across core accounting functions including cloud accounting, tax compliance, audits, expense and payroll management, and fraud detection. Speaker will also highlight specific AI tools, explaining their features, compliance standards, and relevance for Hong Kong accountants.

At the end, speaker will conclude with a thoughtful look at data privacy, local regulations, and practical adoption tips for accountants navigating this rapidly evolving landscape.

After joining this webinar, participants will:

- Understand the fundamentals of AI and its relevance to accounting practices, including key concepts like machine learning, NLP, and automation
- Explore cloud-based accounting and bookkeeping solutions with insight into their AI-powered features.
- Gain knowledge of AI tools for tax compliance tailored to Hong Kong's regulatory landscape
- Learn how AI enhances audit and risk management, including fraud detection and data analytics tools
- Discover AI-driven solutions for expense and payroll management, streamlining routine workflows and ensuring compliance with local labor laws
- Recognize the role of AI in detecting financial fraud and ensuring AML compliance with tools.
- Evaluate the practical considerations for adopting AI in accounting, including data privacy, e-filing readiness, and software integration in the Hong Kong context
- Be empowered to make informed decisions about integrating AI tools into your accounting workflow for greater efficiency and strategic value



Cybersecurity and Data Management (EWEB25072501)

This webinar will raise awareness of modern cybersecurity challenges and strategies.

Speaker will explain foundational concepts such as network structures, cloud and distributed computing, and the Internet of Things (IoT), as well as explore major cybersecurity threats – including ransomware, phishing, and DDoS attacks, and vulnerabilities tied to open APIs and IoT devices. Speaker will share the real-world examples in 2023 ransomware attack, the presentation highlights risk scenarios and response strategies. It will also outline protective frameworks based on Confidentiality, Integrity, and Availability (CIA) triad, along with physical, technical, and administrative control measures.

At the end, speaker will conclude with best practices for resilience, data recovery, and compliance with regulations like Hong Kong's PDPO, GDPR, and China's PIPL.

After joining this webinar, participants will:

- Grasp essential network and computing concepts, including LAN, WAN, cloud services, and distributed computing, as a foundation for cybersecurity practices
- Identify and understand modern cyber threats such as ransomware, phishing, DDoS attacks, and IoT vulnerabilities using real-world examples
- Comprehend the CIA triad – Confidentiality, Integrity, and Availability – as a core framework for information security
- Explore multilayered security controls, including physical, technical, and administrative safeguards, and how they intersect in a defense-in-depth strategy
- Gain practical skills for risk assessment and rapid data recovery, including backup systems, disaster planning, and incident response protocols
- Understand compliance obligations under regulations such as the GDPR, Hong Kong's PDPO, and China's PIPL, and how they apply to real-world scenarios
- Develop actionable plans to strengthen cyber resilience, adopt best practices, and safeguard personal and organizational data in evolving threat landscapes

Data Analytics for Accounting and Finance (EWEB25073001)

This webinar will equip participants with practical knowledge of data analytics tools and techniques.

Speaker will begin with foundational concepts such as data management, database structures, and the hierarchy of data, and then explore real-world applications through case studies in fraud detection, predictive modeling, regulatory compliance, and ESG reporting. Key technologies include Power BI, Python, Alteryx, SQL, and AI-driven platforms like MindBridge and SAS AML will be covered.

At the end, speaker will conclude with insights into blockchain analytics, smart contracts, and emerging trends like generative AI and sustainability analytics, all tailored to the Hong Kong business environment.

After joining this webinar, participants will:

- Understand the foundations of data analytics, including data management, database structures, and the hierarchy of data
- Gain hands-on knowledge of data preparation and processing, such as cleaning, integration, and quality assessment
- Learn how to apply AI and machine learning in accounting tasks such as audit automation, anomaly detection, and risk scoring
- Develop skills in data visualization and reporting, using platforms like Power BI and Tableau to create interactive dashboards
- Understand the role of big data and network analysis in financial decision-making and compliance monitoring.
- Discover blockchain and cryptocurrency analytics, including smart contract auditing and transaction monitoring for AML compliance
- Identify essential tools for Hong Kong professionals, such as Python, R, SQL, Alteryx, and Excel, and how they integrate into modern accounting workflows
- Stay ahead of emerging trends, including generative AI, ESG analytics, and smart disclosure for regulatory updates



Transformation Management and Change Management in Digitization Processes (EWEB25080801)

This webinar will guide participants through the evolving landscape of digital transformation in Hong Kong.

Speaker will examine local digitalization trends – such as AI-driven automation, low-code platforms, and 5G innovations – before distinguishing between transformation and change management, and then explores best practices and frameworks like ADKAR, Kotter's 8-Step Model, and McKinsey 7S, applied across sectors including accounting, manufacturing, banking, healthcare, and supply chain. Speaker will also highlight how organizations can align strategy, technology, and people to drive sustainable innovation and regulatory compliance in a rapidly digitizing economy through real-world case studies.

After joining this webinar, participants will:

- Understand the difference between transformation and change management, and when to apply each in a digital context
- Gain practical knowledge of proven frameworks such as ADKAR, Kotter's 8-Step Model, and McKinsey 7S, and how they apply across industries
- Learn how to manage resistance and drive adoption, using structured communication, stakeholder engagement, and training strategies
- Identify success factors for technology adoption, including leadership support, measurable outcomes, and continuous learning
- Apply insights to your own organization, developing tailored strategies for sustainable digital transformation and change management
- Stay informed on regulatory and compliance considerations, especially in sectors like finance, healthcare, and crypto accounting in Hong Kong

Impact of AI, Cybersecurity and Digital Transformation (EWEB25081501)

This webinar will explore how emerging technologies are reshaping business and security landscapes

Speaker will examine the integration of AI, cybersecurity, and digital transformation, highlighting innovations like AI-powered threat detection, zero-trust security models, and predictive analytics, and then delves into risks such as adversarial attacks, deepfakes, and data privacy concerns, using real-world examples like the \$25 million deepfake scam in Hong Kong. It will also cover crypto fraud detection frameworks, blockchain analytics, and regulatory responses from Hong Kong authorities.

At the end, speaker will conclude with strategies for managing digital risk, enhancing resilience, and implementing secure digital transformation across sectors.

After joining this webinar, participants will:

- Understand how AI, cybersecurity, and digital transformation intersect, and how their integration is reshaping business operations and security strategies
- Gain insight into AI-powered cybersecurity tools, including threat detection, predictive analytics, and zero-trust security models
- Recognize emerging risks such as adversarial attacks, deepfakes, and automation exploitation, and learn how to defend against them
- Learn about Hong Kong's regulatory landscape, including PDPO, SFC, and HKMA guidelines on AI, data privacy, and digital compliance
- Develop strategies for managing digital risk, including data leakage prevention, third-party risk assessment, and digital resilience planning
- Be equipped to implement secure digital transformation, aligning technology, governance, and risk management for sustainable innovation



Hong Kong Institute of
Certified Public Accountants
香港會計師公會

About the speaker

Mr. Thomas Lee

Lecturer, HKU School of Professional and Continuing Education (HKU SPACE)

Mr. Lee is a seasoned educator and technology professional with over 25 years of experience in project and product management across global tech firms including HP, Dell, and Motorola.

With academic credentials spanning electrical engineering, business administration, and health sciences from top universities in the US and Canada, Mr. Lee brings a multidisciplinary perspective to his teaching. At HKU SPACE, Mr. Lee lectures on topics such as Artificial Intelligence, Data Science, and Cybersecurity, drawing on his expertise as a Microsoft Certified Trainer, AWS Certified Solutions Architect and AI Practitioner. His career highlights include leading smart device launches, securing over HKD 3 million in government innovation funding, and mentoring students in diploma, postgraduate, and overseas degree programs. His work bridges cutting-edge technology with practical business applications, particularly in the Greater China region.

