



Digital Policy Office

The Government of the Hong Kong Special Administrative Region
of the People's Republic of China

Empowering Future Innovators with the Integration of AI and Cybersecurity

Mr Daniel CHEUNG

Deputy Commissioner (Digital Infrastructure)

2 July 2025

AI Development in Hong Kong

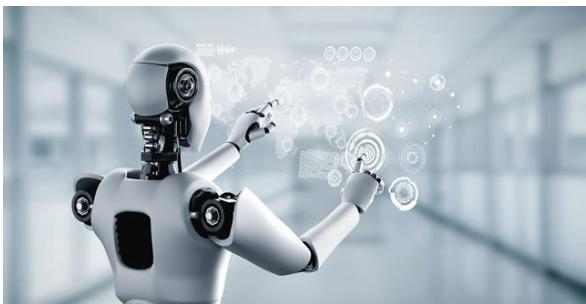
Government Directives

Budget 2025-26

- AI at the core of developing new quality productive forces
- AI as core industry

Hong Kong I&T Development Blueprint (2022)

- focus on the development of AI and data science industries



AI Development in Hong Kong

Research and Development

AIR@InnoHK

- Research Centre with 16 R&D laboratories focusing on AI and robotics technologies



Hong Kong Generative AI Research and Development Center (HKGAI)

- Specialising in research and development of generative AI technology and large language models (LLMs)
 - Optimised for Hong Kong's cultural and linguistic environment, and safety
- To build Hong Kong's self-developed AI foundation models and ecosystem



香港生成式人工智能研發中心
Hong Kong Generative AI
Research & Development Center

HKGAI's own generative AI technology and LLMs

Improve efficiency
(e.g. Document drafting,
translation, summarisation)

Help Hong Kong
master related AI
technologies

HKPilot

港文通

Internal Trial Use
starting from 2024

AI Development in Hong Kong

Research and Development

LLM “HKGAI V1” by InnoHK HKGAI



HKPilot
港文通

HKChat
港話通



LexiHK

HKMeeting

HK EcoLink

New Industrialisation Acceleration Scheme

- To promote downstream development of new industrialisation
 - To support enterprises in strategic industries (including AI and data science, advanced manufacturing)
- Launched in September 2024
- Commitment: \$10 billion (matching-basis)
- Encourage research or increase scale of research in Hong Kong and engage research talent



Innovation and Technology Industry-Oriented Fund (ITIF)

- To channel more market capital to invest in specified emerging and future industries of strategic importance
- Set aside \$10 billion for establishment



Hong Kong Artificial Intelligence Research and Development Institute (AIRDI)

- To spearhead and support R&D of AI, transformation and application of R&D outcomes by industries
- Set aside \$1 billion for establishment



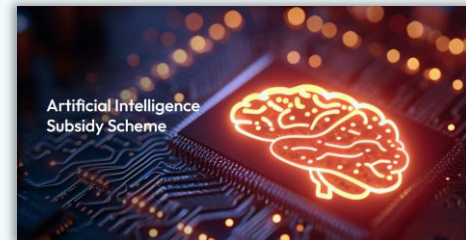
AI Super Computing Centre (AISC)

- Innovative duo to meet computing power demand of local AI ecosystem and technology sector
- Started operating since December 2024
- Target computing power: 3000 PFLOPS (by 2025)



AI Subsidy Scheme

- To support leveraging the computing power to achieve scientific breakthroughs
- Allocated fund: \$3 billion



AI Development in Hong Kong

AI Adoption Guidance

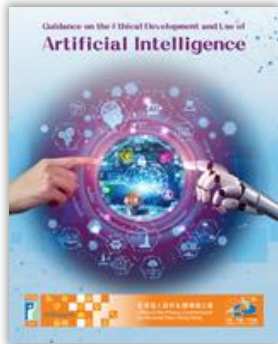
Ethical AI Framework

- Formulated for internal reference in 2021
- Updated in 2023
 - Customised version also available for general reference by organisations

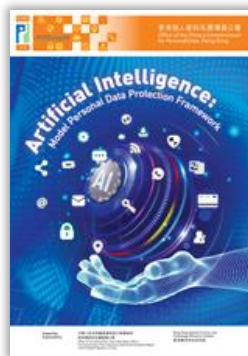


Guidance Materials by the Office of the Privacy Commissioner for Personal Data (PCPD)

- To assist organisations in complying with PDPO through:
 - Developing internal policies or guidelines
 - Proper development and use of AI



Guidance on the Ethical Development and Use of Artificial Intelligence (2021)



Artificial Intelligence: Model Personal Data Protection Framework (2024)



Checklist on Guidelines for the Use of Generative AI by Employees (2025)

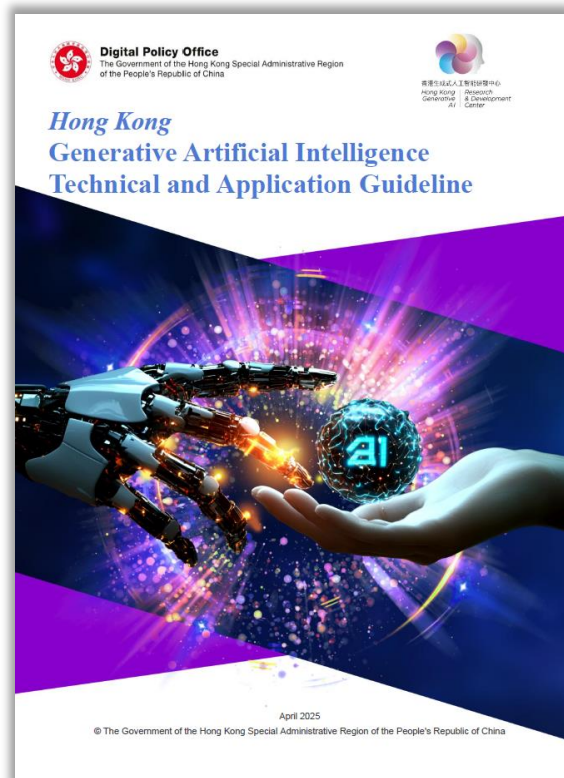
AI Development in Hong Kong

HKGAI Guideline (published in April 2025)

Primary Objectives:

- ★ Balance AI innovation and responsibilities
- ★ Operational guidance to stakeholders
- ★ Suitable for local governance

AI Adoption Guidance



Application Guidelines and Policy Statements to industries

- To empower industries' development with AI technology

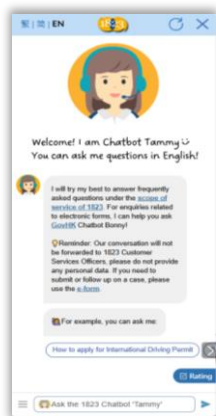
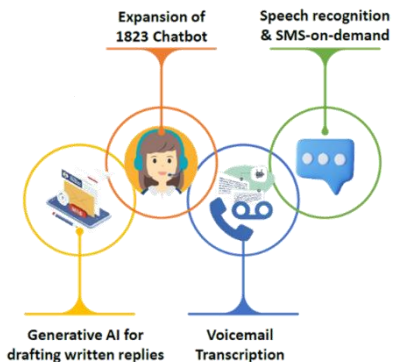
Bureau / Department / Statutory Body	Guidelines / Policy Statements
Financial Services and the Treasury Bureau (FSTB)	<ul style="list-style-type: none">Policy Statement on Responsible Application of Artificial Intelligence in the Financial Market
Hong Kong Monetary Authority (HKMA)	<ul style="list-style-type: none">High-level Principles on Artificial IntelligenceUse of Artificial Intelligence for Monitoring of Suspicious ActivitiesConsumer Protection in respect of Use of Generative Artificial Intelligence
Securities & Futures Commission of Hong Kong (SFC)	<ul style="list-style-type: none">Use of generative AI language models
Hong Kong Judiciary	<ul style="list-style-type: none">Guidelines on the Use of Generative Artificial Intelligence for Judges and Judicial Officers and Support Staff of the Hong Kong Judiciary

AI Development in Hong Kong



24-hour cross-departmental Contact Centre

- 1823 Chatbot service launched in 2019, fully expanded in 2024
- Intelligent interoperability between 1823 Chatbot and GovHK Chatbot enabled in 2025

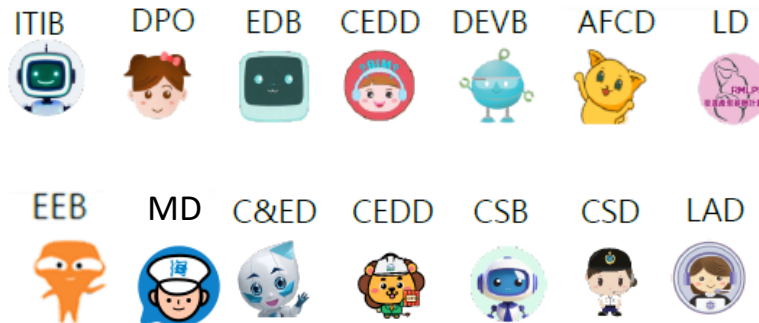


Adoption by Government



Chatbot-as-a-Service

- To enhance public service and citizens' experience
- Deployed widely across departments

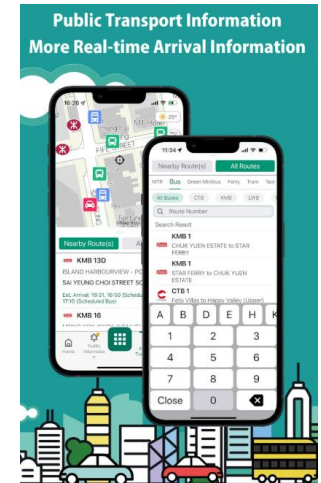
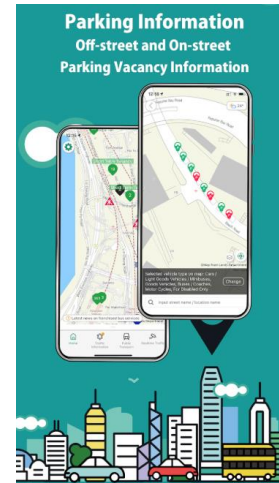
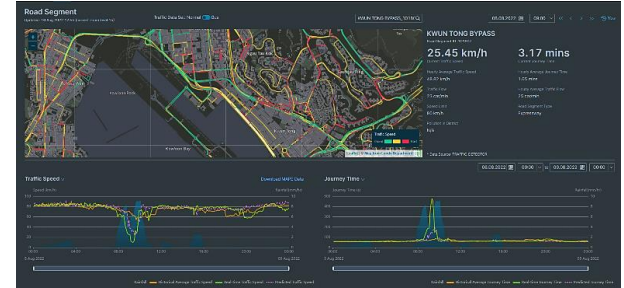
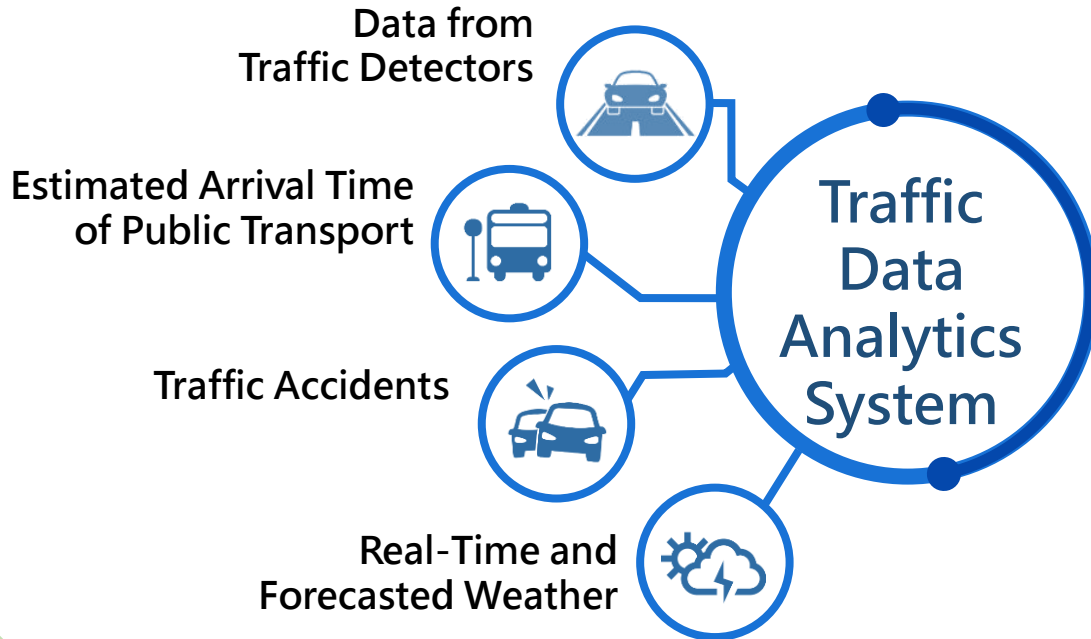


and more ...

AI Development in Hong Kong

Adoption by Government

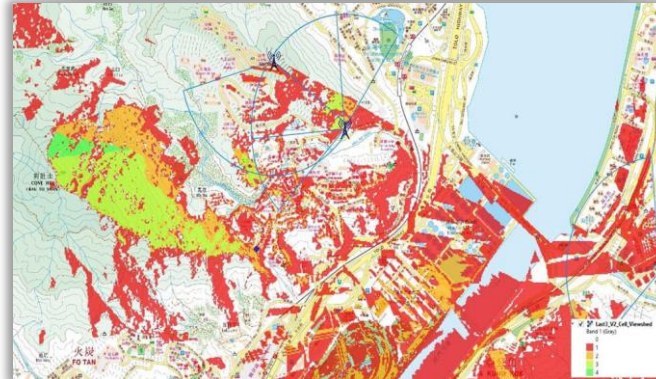
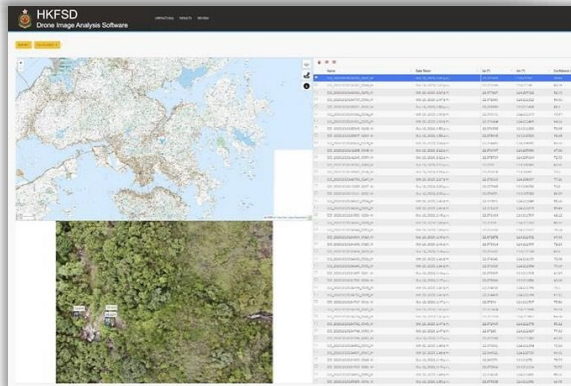
Traffic Data Analytics System & HKeMobility



AI Development in Hong Kong

Adoption by Government

Fire Services Department Unmanned Aircraft System (UAS)



Information and Cyber Security

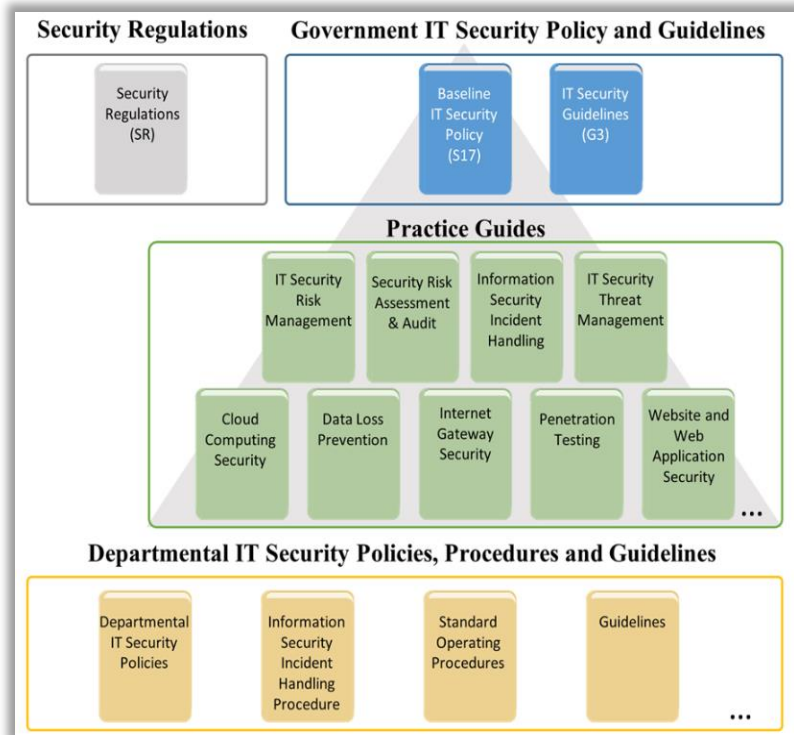
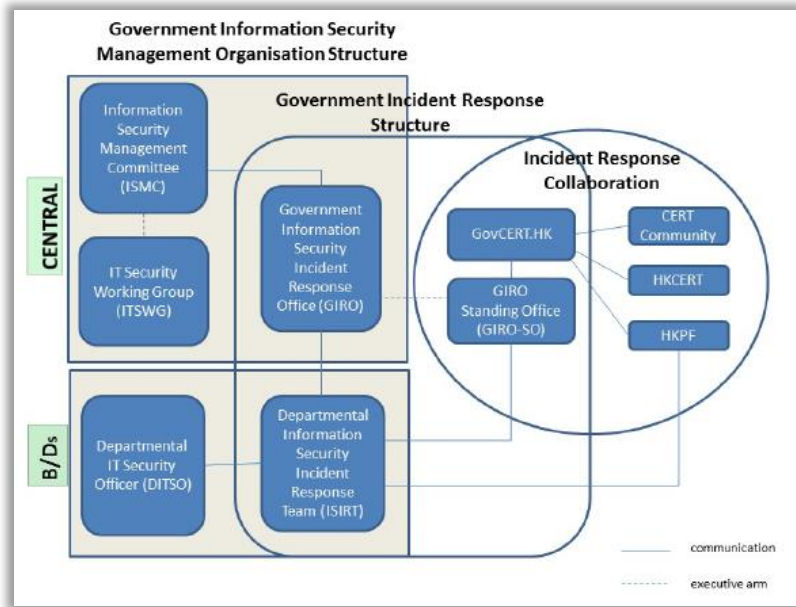
Data Governance Policies



- Holistic data governance to balance data flow and data security
- 18 specific action items
- Published in December 2023



Information Security Management Framework



Information and Cyber Security

Capabilities Building

Inter-departmental Cyber Security Drill

- GovCERT.HK and CSTCB jointly hosted since 2017
- Enhance cybersecurity awareness and overall response capabilities of government departments



Hong Kong Cybersecurity Attack and Defence Drill

- Participate by government departments and public organisations
- Enhance their technical skills, experience, and overall defensive capabilities against cyberattacks





Cybersec One Programme

- free resources for initial cybersecurity risk assessments and other assistance
- for local secondary schools, primary schools, non-governmental organisations, and small and medium-sized enterprises to participate



Cybersecurity Symposium

- annual event co-organise by DPO and HKIRC
- bring together public and private sector organisations, industry experts to discuss how the industry can work together to strengthen cybersecurity

Talent Development

Establishment of the Steering Committee on Strategic Development of Digital Education (January 2025)

Objective

- To promote transformation of local school education

Areas of work

- To enhance students' digital literacy and skills
- To strengthen professional training in digital education for teachers and encourage schools to use innovative technologies
- To optimise digital education ancillary infrastructure and create an intelligent learning environment
- To strengthen ties between innovation institutions, and relevant sectors

Digital Education



“IT Innovation Lab in Schools” Programme

- To kindle students’ interests in IT
- To facilitate development of their innovative thinking, and enhance IT learning atmosphere



Talent Development



Module on Artificial Intelligence for Junior Secondary Level

- AI basics
- AI ethics
- Societal impact
- Future of work

Teaching and Learning Resources



Enriched Module on Coding Education for Upper Primary Level

- Basic Coding
- Computational Thinking



“Cyber Security and Technologies Crimes Related Information” Teaching Resources (2023)

- Technology Crime and Cyber Pitfalls
- Digital Assets and Related Risk Management
- Emerging and Advanced Information Technology

Talent Development



“AI for Science Education” Funding Programme

A pilot scheme to

- promote AI-assisted teaching in junior secondary Science subject
- enhance adaptive learning among students

Funding and Support



e-Learning Ancillary Facilities Programme

- **22 projects related to AI, big data and education technology**
- Fund Allocation: \$500 million
- Participation: around 400 schools and 31,000 students (*as at March 2025*)



Study Subsidy Scheme for Designated Professions/Sectors (SSSDP)

- **Targeted subsidy** to encourage self-financing post-secondary education sector to offer **programmes under 10 disciplines**
 - where keen manpower demand in job market has been observed, **including cyber security under computer science**



STEM Internship Scheme

- Support by Innovation and Technology Fund
- To encourage STEM students to gain I&T-related work experience during studies
- To foster STEM students' interest in pursuing a career in I&T after graduation

Talent Development



Awareness and Training



Cyber Attack and Defence Elite Training cum Tournament

Talent Development

Collaboration with professional partners and organisations

HKIRC Cyber Youth Programme to raise learning motivation in IT



Youth Awareness Promotion

School Visit Programme by DPO to raise cybersecurity awareness of staff and students





Thank you



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