



世界互联网大会
World Internet
Conference
乌镇峰会 · Wuzhen Summit

以人工智能推动 香港智慧城市发展

AI Driving Hong Kong Smart City Development

政策与实践

Policy and Practical Applications



中华人民共和国香港特别行政区政府
数字政策办公室
Digital Policy Office
The Government of the Hong Kong Special Administrative Region
of the People's Republic of China

数字政策专员
黄志光

Commissioner for Digital Policy
Tony Wong

人工智能时代下的机遇和挑战

Opportunities and Challenges of the AI Era

新质生产力 New Quality Productive Forces

- 创新起主导作用，摆脱传统生产力发展路径
Innovation takes the lead, breaking free from traditional development paths
- 人工智能的快速发展为创新解锁了新的可能性，并改变了广泛的商业领域，优化运营，并提高整体业务成果
The rapid development of artificial intelligence has unlocked new possibilities for innovation, transformed broad business sectors, optimized operations, and enhanced overall business outcomes.

各種挑战 Challenges

- 个人资料隐私保护 Data privacy concerns
- 数据可用性、准确性 Accuracy and availability of data
- 人工智能武器化的网络安全隐患 AI as a target and tool for attackers



推动香港人工智能生态圈发展

Driving AI Development in Hong Kong

实施丰富数据资源的措施
Data Resources for AI Development

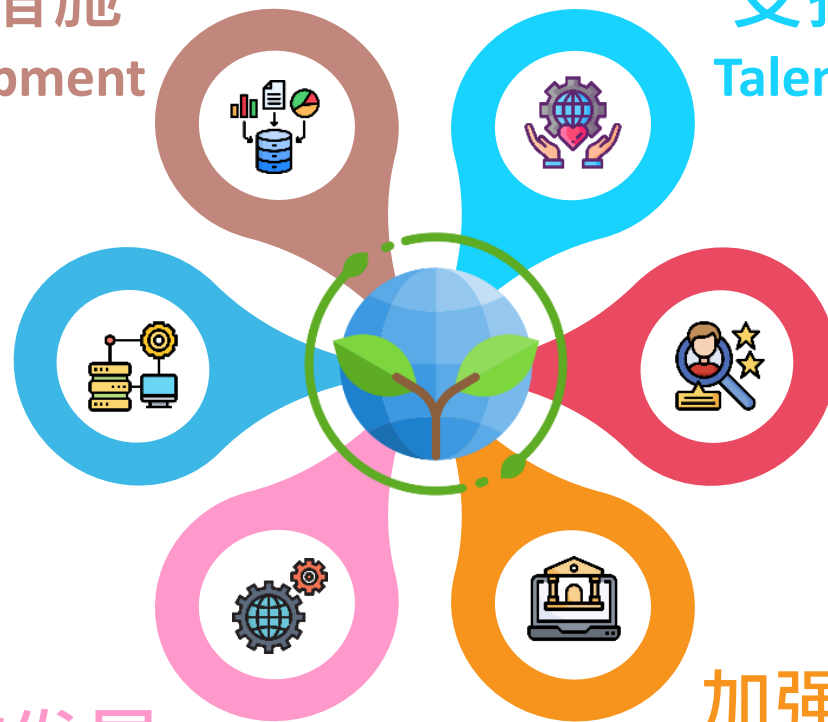
支持人才发展和人工智能研发
Talent Development and Supporting R&D

确保安全稳健的
数字基础设施
Digital Infrastructure for
AI Development

加强人工智能治理
AI Governance

支持人工智能产业发展
Supporting AI Industries

加强数字政府的人工智能应用
AI Adoption for Digital Government



实施丰富数据资源的措施

Data Resources for AI Development

开放及共享数据以促进人工智能发展

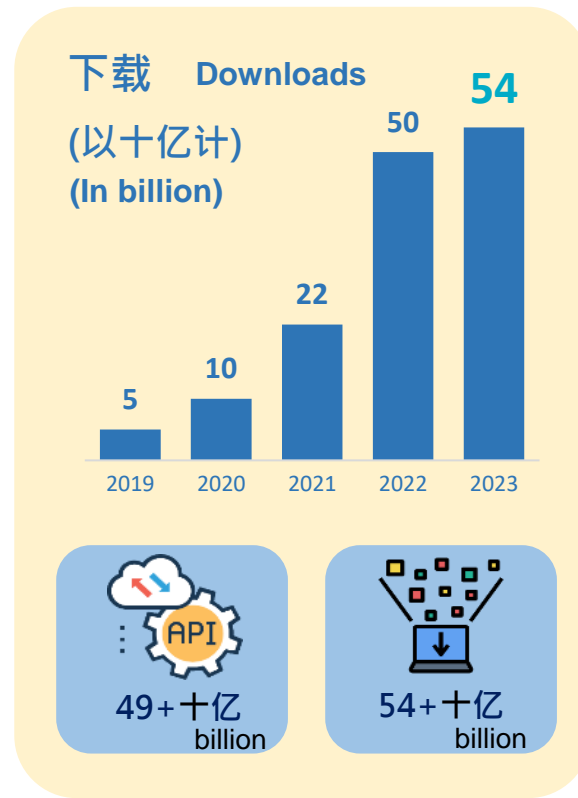
Open and Sharing of Data for AI Development



5,400+ 数据集
datasets

2,300+ 应用程序介面
APIs

117 数据提供
Data providers



通过「授权数据交换闸」互通资料

Data sharing via Consented Data Exchange Gateway

- 提升数字政府服务的体验
Enhance the experience of digital government services
- 提高政府的运行效率
Improve government operational efficiency
- 保障个人隐私
Protect Personal Privacy



以市民为本
Citizen-Centric



以数据为本
Data-Driven



推动数字政府服务
Driving Digital Government Services

实施丰富数据资源的措施

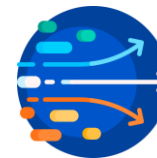
Data Resources for AI Development

促进数据流通及保障数据安全 Facilitating Data Flow and Safeguarding Data Security

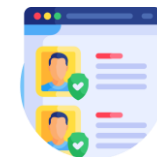


Policy Statement on Facilitating Data Flow
and Safeguarding Data Security in Hong Kong

- 创新科技及工业局于2023年12月发布
Innovation, Technology and Industry Bureau published in
December 2023
- 提出具全局性的数据治理理念和策略
Set out management principles and key strategies on data flow
and data security
- 并提出十八项具体行动方案
Put forward 18 specific action items
- 平衡数据保护与应用
Promote development and safety of data flow in a more
coordinated manner



数据流通 Data Flow



数据安全 Data Security

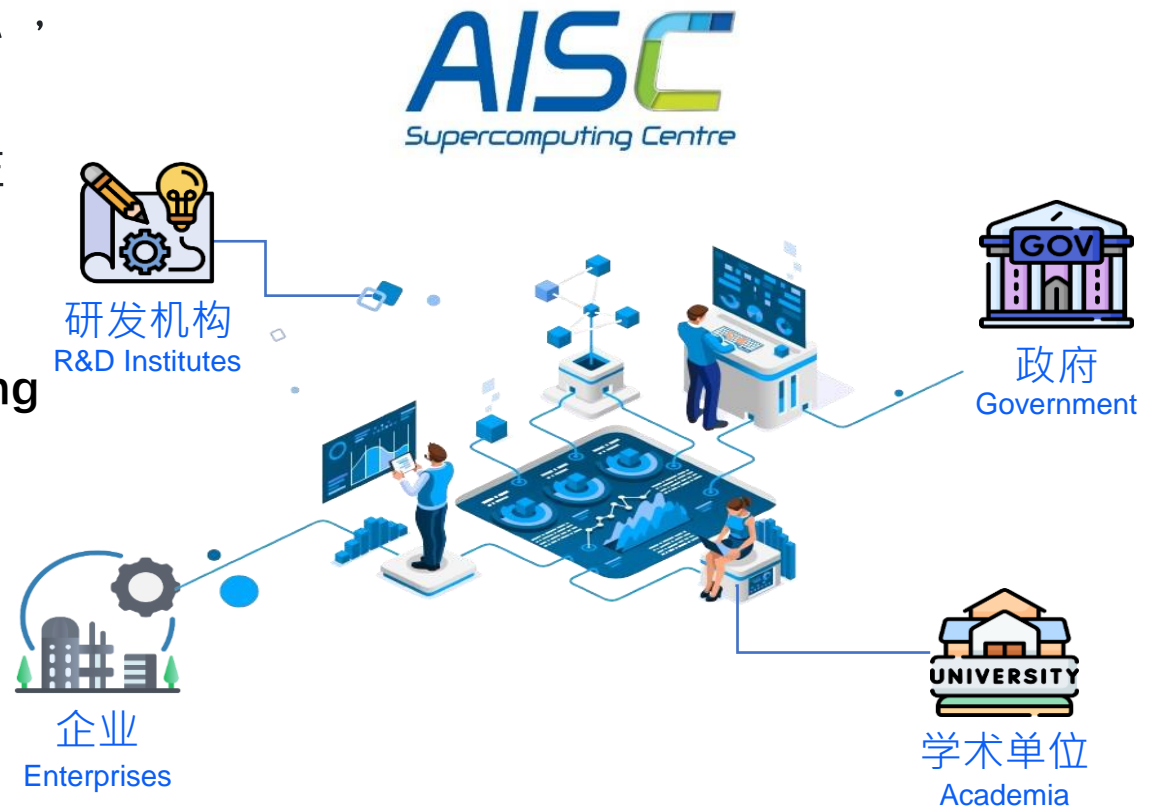
确保安全稳定健的数字基础设施

Digital Infrastructure for AI Development

人工智能智算中心

数码港正全速设立人工智能智算中心，首阶段设施最快于今年内投入服务，以协助本地大学、研发机构及企业等应付算力需求

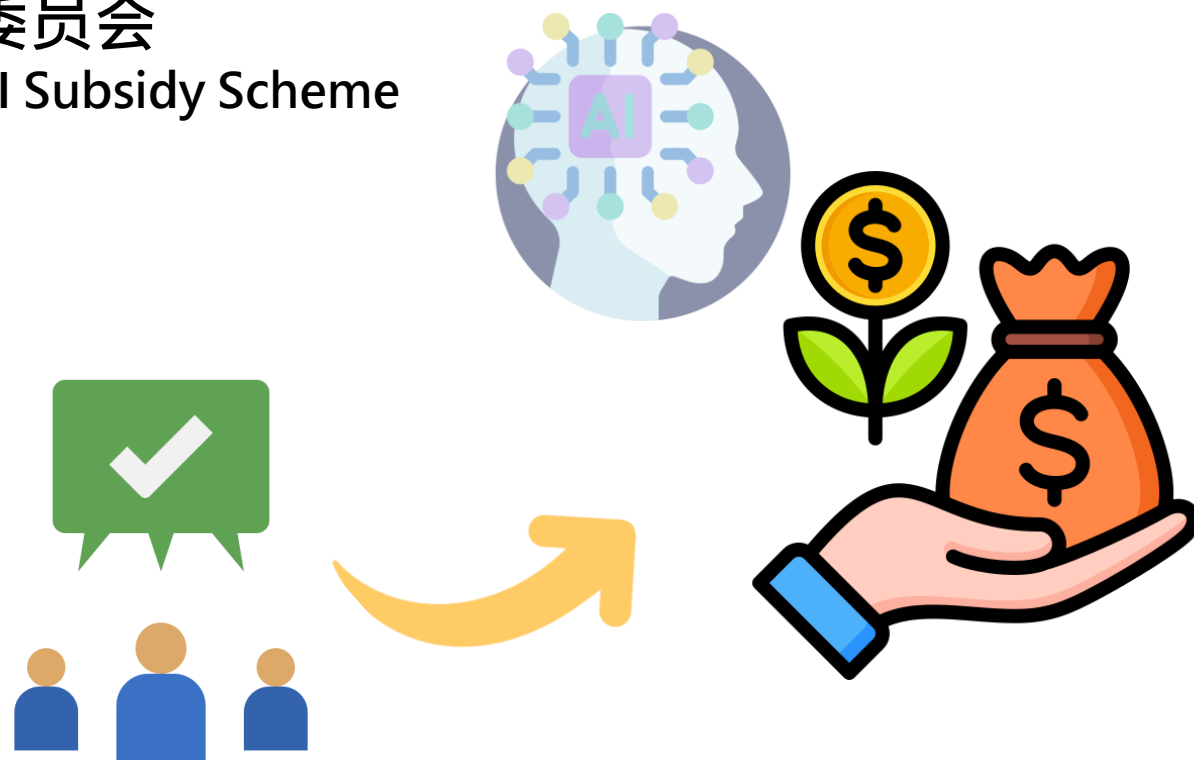
Cyberport's **Artificial Intelligence Supercomputing Centre (AISC)** will come into operation in phases, supporting the demand of local universities, R&D institutes and enterprises.



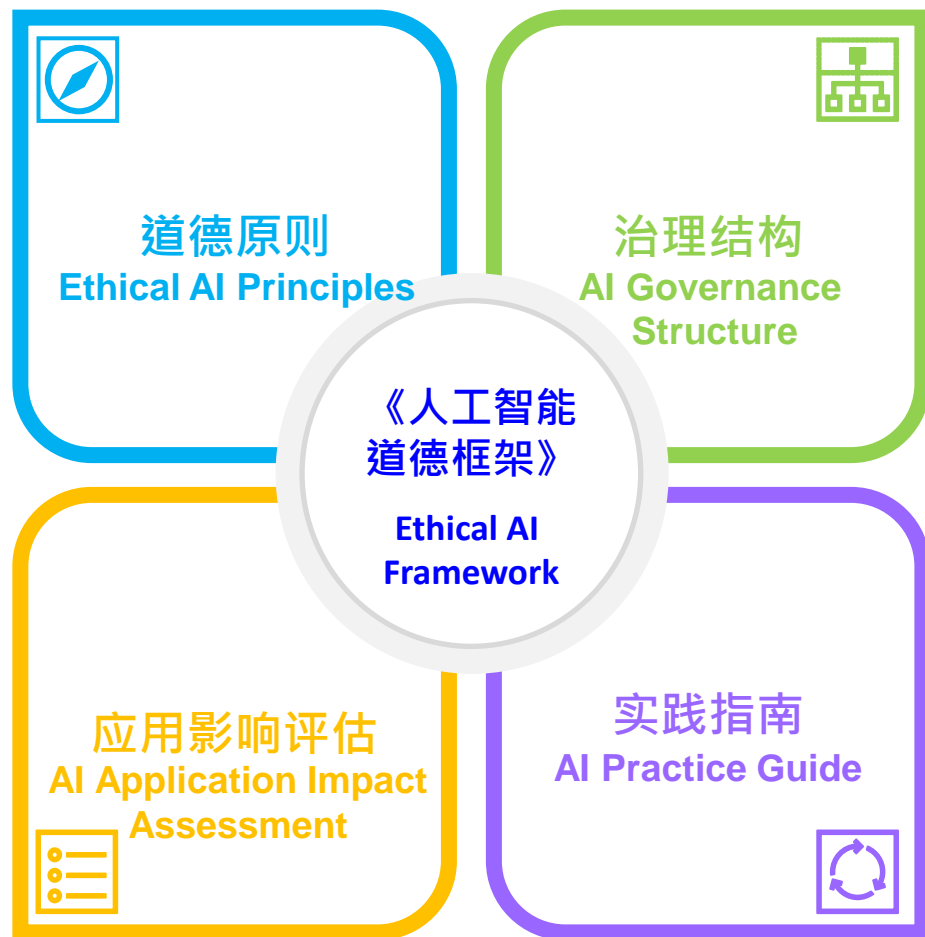
人工智能资助计划 AI Subsidy Scheme

拨款三十亿元，委任人工智能资助计划委员会
HK\$3 billion · Establishment of Committee of AI Subsidy Scheme

- 资助本地大学、研发机构及企业
Subsidising eligible users
- 加强智算中心的网络安全和数据保护
Enhancing cyber and data security
- 进行推广和教育活动
Promoting the development of AI ecosystem



《人工智能道德框架》 Ethical AI Framework



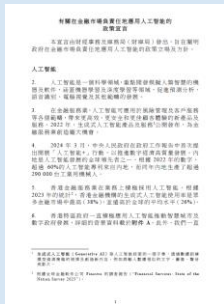
- 协助政府部门在规划、设计和实施信息技术项目或服务时采用人工智能和大数据分析，并融入伦理元素
A guideline for Government B/Ds in adopting AI and big data analytics and incorporating ethical elements in the planning, design and implementation of IT projects or services.
- 符合个人资料私隐专员公署于2021年发布的《开发及使用人工智能道德标准指引》
Developed in consultation with PCPD and complied with PCPD's Guidance on the Ethical Development and Use of Artificial Intelligence.
- 因应生成式人工智能技术的最新发展，数字办于2023年8月更新《框架》，就政府部门开发与人工智能相关的技术及应用方案提供更清晰的指引
Updated in August 2023 to incorporate potential areas of concerns and suggested tips in relation to generative AI for B/Ds' consideration.

加强人工智能治理

AI Governance

有关在金融市场负责任地应用人工智能的政策宣言

Policy Statement on Responsible Application of Artificial Intelligence in Financial Market



- 政府于今年10月发布，会采取双轨模式，以促进金融服务业采用及发展人工智能
The Government adopts dual-track approach to promote development of AI adoption while addressing the potential challenges
- 金融机构应制定人工智能管治策略
Financial institutions should formulate AI governance strategy

《版权条例》以保障人工智能技术发展

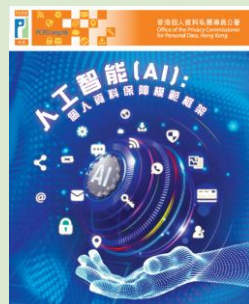
Intellectual Property Rights Protection for AI Development



- 政府于今年7月就其议题展开公众咨询，并提出观点：人工智能生成作品的版权保护；人工智能生成作品侵犯版权的法律责任；拟引入的特定版权豁免等
The Government launched a public consultation on 8 July 2024 on the enhancement of the Copyright Ordinance regarding the protection for AI technology development

《人工智能 (AI)：个人资料保障模范框架》

Artificial Intelligence: Model Personal Data Protection Framework



- 私隐专员公署于今年6月发布提供国际认可及切实可行的建议和最佳行事常规，以协助机构在采购、实施及使用人工智能
Issued by PCPD in June 2024, it provides internationally recognised, practical advice and best practices to help organisations understand the relevant requirements when they develop, procure and use AI systems

支持人才发展和人工智能研发

Talent Development and Supporting R&D

InnoHK创新香港研发平台 - AIR@InnoHK

- 专注于人工智能及机械人科技
Focusing on Artificial Intelligence and Robotics Technology
- 目前有14所研发实验室进驻
14 research laboratories admitted



「香港生成式人工智能研发中心」

Hong Kong Generative AI Research and Development Center

- 专注于生成式人工智能的研究及开发的中心
Focus on the research and development of the generative AI technology and large language models



正开发生成式人工智能文书辅助应用程序，供政府部门试行

Generative AI document processing copilot application powered by LLM for government pilot use

HKGAI自主研发的生成式人工智能及大型语言模型
HKGAI's own generative AI technology and LLM

提高效率
Improve work efficiency

- 翻译 Translation
- 整合 Summarisation
- 草拟文件 Drafting Docs

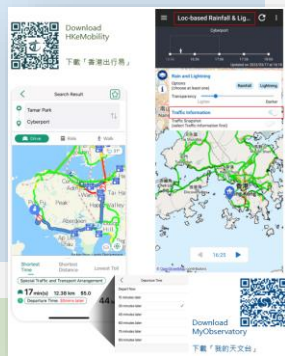
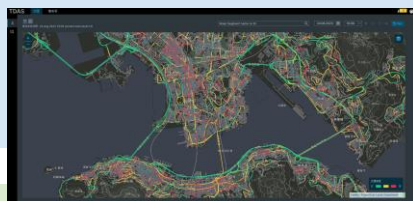
进一步优化相关应用程序及技术
Help Hong Kong master related AI technologies

加强数字政府的人工智能应用

AI Adoption for Digital Government

交通数据分析系统 Traffic Data Analytics System

- 实时预测未来的交通状况，分析事件和天气影响
Predict real-time and future traffic condition, analyse incident and weather impact



1823 查询热线 Hotline

- 应用人工智能撰写书面查询的回复，将语音留言转写为文字，识别来电者的查询主题等
Generative AI for drafting written replies, voicemail transcription, speech recognition & SMS-on-demand



聊天机械人即服务 Chatbot-as-a-Service

- 配备即用组件，例如云端平台、自然语言处理引擎和知识库等供部门同事使用
With ready-to-use building blocks (e.g. natural language processing engine, cloud platform and chatbot knowledge base, etc.)



编制贸易统计的人工智能模型 AI Models for Compilation of Trade Statistics

- 分析大量文本数据，特别是贸易申报中商品的非结构化文本描述
Analyse unstructured text description of commodities in trade declarations
- commodities in trade declarations





为香港数字化发展提供安全稳妥的网络环境，推动智慧城市发展，同时维护数据自由流动和开放环境的香港独特优势，担当国家面向世界的重要窗口

Advancing Hong Kong's digital future: securing infrastructure, driving smart city development, and maintaining open data flow as the Nation's global gateway



确保特区政府的信息技术基础设施、系统与数据安全可靠

Ensuring the Reliability and Security of the Government's IT Infrastructure and Data



探索和制定促进香港人工智能发展所需的应对策略

Formulating Strategic Approaches for Hong Kong's AI Development



世界互联网大会
World Internet
Conference
乌镇峰会 · Wuzhen Summit

感谢大家
Thank You