GS1 Hong Kong

The Hong Kong Internet of Things Industry Advisory Council

IOT DATA HACKATHON 2026

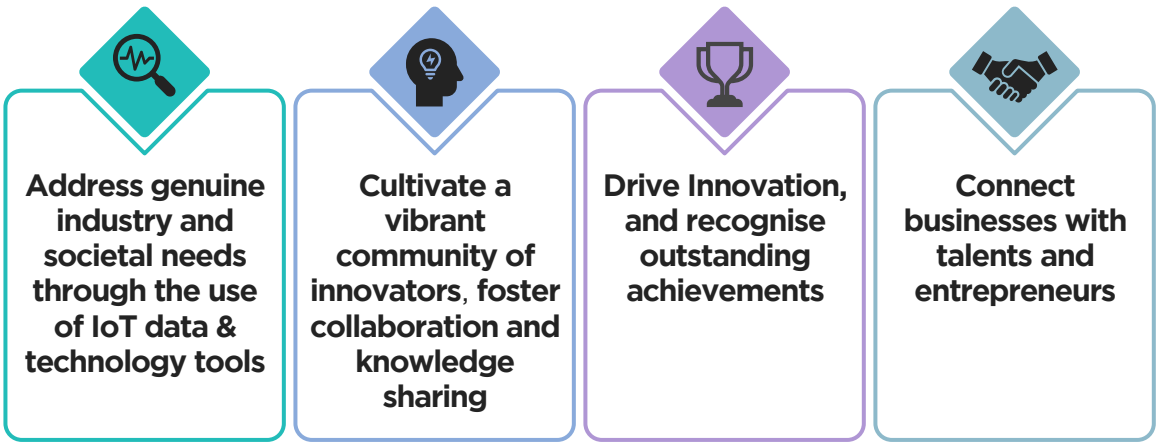
March 28 & 29, 2026

IOT DATA HACKATHON 2026

Shaping Our Connected Future

Building on the resounding success of our previous editions, we are thrilled to announce the launch of the 3rd IoT Data Hackathon. In a world where the Internet of Things (IoT) is no longer a futuristic concept but a present-day reality, the data generated by billions of connected devices holds the key to unlocking unprecedented innovation and solving some of the most pressing challenges of our time.

Following the incredible innovation and collaborative spirit showcased in the past two editions, the **IOT Data Hackathon 2026** once again invites the brightest minds — from tertiary students, innovators, problem-solvers, data enthusiasts to seasoned professionals and entrepreneurs — to come together. Our mission is to empower you to harness the power of real-world data to develop tangible solutions.



This Hackathon is more than just a competition; it is a collaborative environment designed to foster learning, networking, and the creation of impactful prototypes that can shape a smarter, more connected future. You will have the opportunity to access practical workshops, work with exclusive datasets, gain hands-on experience with cutting-edge technologies, and receive invaluable mentorship from industry experts and thought leaders.

We believe that a single idea, powered by data, can spark a global change. This Hackathon is your canvas. We provide the data, the tools, and the mentorship from industry titans. You bring the vision, the skill, and the passion to create solutions that make our city smarter, our businesses more efficient, and our lives better.

This is your opportunity to stand out. Accept the challenge, accelerate your future, and join us today to compete, create, and connect!

2025 Edition
HIGHLIGHTS

90+ Participating Teams

6 Challenge Statements

7 Pre-hackathon Workshops
on data analytics & storytelling, IoT, GenAI, design thinking, pitching skills, ESG, GIS...

2 Networking Events
with leading companies & industry thought leaders

24 Short-listed Teams

24 Mentors

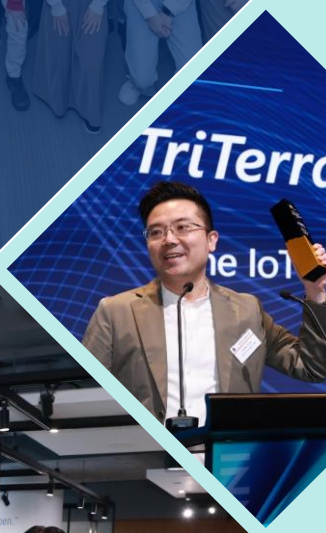
12 Judges

14 Partners & Sponsors

35+ Supporting Organisations & Tertiary Institutions

12 Awards

30+ Internship Opportunities



Challenge **THEMES**

Demonstrate the use of IoT data, open data & alternative data to tackle business challenges in one of the below themes.

Technology & Business Innovation

Build solutions that will define the next era of commercial innovation and efficiency, such as:

- Low-altitude economy
- AI-powered marketing/operations
- Customer experience
- Supply chain optimisation

Social Impact & Sustainability

Develop data-driven solutions that tackle critical societal and environmental issues, such as:

- The silver economy
- Health & Wellness
- ESG
- Public good and safety

Participants will have access to technology tools and data sets to address challenges by:

- uncovering patterns, identifying trends & emerging opportunities
- deriving actionable insights, optimising processes, and improving efficiency
- delivering hyper-personalised customer experiences
- driving positive ESG outcomes
- creating smarter living experiences
- and more...

The goal is to develop innovative solutions that have a tangible impact on the business landscape and to shape a more sustainable future.

TIMELINE

20 Dec 2025
Application Deadline

9 Jan 2026
Kick-off Briefing

Jan-Feb 2026
Pre-hackathon Workshops

15 Feb 2026
Initial Proposal Submission Deadline

Early Mar 2026
Announcement of Short-listed Teams

Mar 2026
Tech Workshop & Mentorship

28-29 Mar 2026
Hackathon
Day 1: Hack Day
Day 2: Pitch Day

Apr 2026
Award Ceremony

WHY Join?

From upskilling to professional growth, IOT Data Hackathon is a perfect platform for you to learn, innovate and grow business network.

Learn

Learn data and problem-solving skills by working on real world challenges

Enhance Experience

Harness mentorship and valuable feedback from industry and technology experts

Get Connected

Network and meet industry thought leaders & tech experts to expand your network

Gain Exposure & Win Recognition

Showcase your expertise, build your professional profile, and win prizes

Foster Career Development

Fast track to incubation/internship programs, explore opportunities for future career advancement

WHO Can Apply?

- **Student Stream:** students from Hong Kong tertiary institutions (campus inside and/or outside Hong Kong)
- **Professional Stream:** start-ups, entrepreneurs or business professionals in Hong Kong

Remarks:

- ***Max. 6** members per team*
- *Each participant can only join one team*
- *For Student Stream, participants need to be students of tertiary institutions in HK*
- *For Professional Stream, teams must include at least one HK resident, or one member employed by a HK registered company*

JUDGING CRITERIA

	STUDENT STREAM	PROFESSIONAL STREAM
Innovation & Creativity ▪ Idea originality and innovativeness ▪ Creative problem-solving approach ▪ New operational model for business	25%	20%
Benefits & Impact ▪ Benefits to users ▪ Impact on industry, sector, society, community, and/or public ▪ Consideration of ESG factors in measuring sustainability & social impact	25%	25%
Business Viability & Feasibility ▪ Ability to address user requirements ▪ Business and market potential ▪ Ease of implementation ▪ Scalability	20%	25%
Use of Data ▪ Appropriate use of data sets ▪ Data security and governance	20%	20%
Quality ▪ Completeness & ability to execute solution ▪ Presentation quality	10%	10%

** Teams MUST use at least **ONE data source** of the provided data sets & indicate in the final presentation*

PRIZES

- **Champion Team:** HK$5,000
- **First Runner Up Team:** HK$3,000
- **Second Runner Up Team:** HK$2,000
- **Best ESG Achievement Award:** HK$2,000
- **Best Use of AI Award:** HK$2,000
- **All winners:** Fast Track to HKSTP Ideation Programme *(up to HK$100,000 grant)*
- **Student Stream Winners:** Internship opportunities

Past **SPONSORS**

香港國際機場 HONG KONG INTERNATIONAL AIRPORT

watsons water

CHECK POINT

香港中文大學醫院 CUHK Medical Centre

HKT Enterprise Solutions 1010 5G

數碼港 Cyberport

HKSTP

美心 Maxim's

MTR

PARKnSHOP

Coca-Cola Swire Coca-Cola

吉野家 YOSHINOYA

Past **TECH PARTNERS**

Alibaba Cloud

aws

esri China HONG KONG

Google Cloud

Hear from Our **SPONSORS**

Mr. Norman YUM
Managing Director, Citrus Growers International, AS Watson Industries

The Hackathon is an excellent platform for both the industry and Hong Kong. Many innovative ideas emerged that can be applied or adapted to enhance our business in the future. For example, the participants' ideas showed us how integrating operational flows can drive business improvement, enabling better operational management. I was truly impressed by the dedication of every team.

Mr. Louis MAH
Director – Group Information Technology, Maxim's Caterers Limited

This event encourages the exchange of ideas and innovations to develop practical IoT applications that address real-life challenges. By combining IoT with data, we can accelerate technological advancement in Hong Kong. The Hackathon fosters creativity and collaboration, enabling participants to brainstorm and deliver innovative solutions within a short timeframe—a concept I strongly support.

Ms. Amy CHOW
General Manager, Hong Kong & Macau, Check Point Software Technologies Limited

It's our second time supporting the Hackathon, and we are delighted to see diverse companies participating and sharing real-world challenges. The best part of the hackathon is the data provided for participants to analyse and develop solutions. We hope that when brainstorming technologies or services, participants should always ensure security is embedded in their solutions for lasting impact.

Mr. Ricky SIU
Senior Vice President, Mobile Product & Solution, Commercial Group, HKT Limited

We value transforming innovative ideas into practical solutions. We encourage participants to be bold in proposing new ideas and make full use of the resources provided, including mentor guidance and data platforms. Participants should enjoy the process, learn and grow from the experience. The Hackathon can inspire more young people to explore technology, cultivate an innovative mindset, and develop problem-solving skills..

Hear from Our
JUDGES & MENTORS

Dr. Toa CHARM
Founding Chairman,
Data & AI Literacy
Association

This Hackathon is a great event as it involved the participation of several important stakeholders. Companies can present real challenges for participants to solve; whereas startups & young people can participate, understand the issues, and explore ways to use technologies to solve problems. It's great to gather these two groups to spark innovative ideas and generate remarkable outcomes.

Mr. Sean TAN
Information Technology
Director,
Jebsen Group

The Hackathon highlights the growing importance of IoT & data in addressing challenges faced by smart cities & supply chains. It fostered collaboration, innovation, and idea exchange among participants, judges and mentors, while providing a platform for emerging talents to showcase their skills and advance the IoT ecosystem. It is truly delighted to see there are so many great and quality talents in Hong Kong.

Mr. Alvin LEE
CEO,
Armitage Technologies

As a mentor, I can see the contestants have made thorough preparation. The challenge statements provided by the corporates are very practical, facilitating the participants to realise and solve the problems they encounter in daily life. In fact, it does not matter whether you are a startup or already an entrepreneur, the most important aspect is problem solving. I hope GS1 HK will continue to organise similar events.

Mr. Jason LI
Data Scientist,
XTRA Sensing

The key takeaway from this Hackathon is the chance to engage with young minds, especially students. Unlike our work, often bound by constraints, students approach problems freely and creatively, inspiring us to think out of the box. Their ability to learn quickly exceeded expectations. It reminds us that young people's capacity to absorb new knowledge is remarkable and can spark fresh perspectives for our daily projects.

Hear from the Participants
STUDENT STREAM

VisionBridge
2025
Champion; & Innovator of Secure by Design

Participating in this Hackathon is a truly meaningful experience. We gained valuable AI skills, deepened our understanding of industry challenges, and explored how to apply existing AI models to address real-world issues in Hong Kong. For future participants, my advice is simple: enjoy the journey. The IoT Data Hackathon is an incredible opportunity to learn, grow, and innovate—an experience that will leave you with knowledge and insights far beyond expectations.

Team Zero
2025
1st Runner Up; & IoT Sustainability Award

Our biggest takeaway was learning to design solutions from the user's perspective. Initially, we created two systems, but during development, we realised some people may find them difficult to navigate. This led us to build the 1st system with a simple user interface, making it more accessible for those with limited tech literacy.

TOI
2025
2nd Runner Up

Joining the Hackathon pushed us out of our comfort zone. The experience was invaluable, we brainstormed solutions addressing the challenge while meeting ESG goals. Most importantly, we learned to integrate multiple elements into a comprehensive, all-in-one solution.

屯門牛牛
2025
2nd Runner Up

The Hackathon taught us AI fundamentals and the value of teamwork—leveraging each member's strengths. Thanks to GS1 HK for the one-on-one mentoring sessions, which offered valuable insights into hospital pain points and data security best practices, helping us in refining our solution.

CHML
2024
Champion

Many people struggle to put IoT, big data, cloud service and AI into practical use in business environment, and so did we at first. Thanks to our mentors' help, we learned how to strike a balance between cost and creativity; how to use those technologies to create a better world, and to improve the industry situation.

Roomates
2024
1st Runner Up

It has been an amazing experience. With strong mentor support, we overcame the challenge of addressing a HK's local issue as a team of all international students. By leveraging data from the HK government and HKT, we built a heat map to optimize EV charging station demand, gaining both technical and business insights.

TEAM CITYU
2024
2nd Runner Up; & Smart IoT Award

We learned to integrate LP sensors with AI models to solve modern issues. Observing judges and competitors gave us insights into cybersecurity, business models and operations. We had a lot of fun, for working together to think and create. The skills and market knowledge we acquired will be invaluable for the future.

Hear from the Participants
PROFESSIONAL STREAM

TriTerra Technology Limited
2024 & 2025
Champion

We chose the CUHK Medical Centre challenge. Through its data and guidance from the mentors, we gained valuable insights, which greatly enhanced our knowledge and skills. Winning the champion prize is an honor, and we are excited about the potential for future collaboration and business partnership with CUHK Medical Centre. The Hackathon not only broadened our expertise but also opened doors for meaningful opportunities ahead.

SF Supply Chain (HK) Limited
2025
1st Runner Up

Winning this award is a meaningful recognition of our hard work. From initial planning to mentor guidance, we gained valuable insights throughout the Hackathon. Judges' questions and competitors' innovative approaches inspired us to improve further.

The Carnot AI Team
2025
2nd Runner Up

The Hackathon offered invaluable mentorship and comprehensive data for analytics, giving us deeper insights into industry trends. These resources helped shape our solution to be practical and adaptable for companies tackling real challenges, aligning with market needs.

Electric Society
2025
"Best ESG"; &
"IoT Sustainability"
Awards

The Hackathon was an excellent learning experience, especially the setting put up by GS1 HK. We explored the environment and different tools in the market we can leverage. From the Pitch Day, we learned the importance of keeping solutions simple, highlighting clear benefits, especially profitability, while ensuring commercialization and sustainability.

Reunion
2024
1st Runner Up; &
Smart IoT Award

GS1 HK held a very professional Hackathon with a group of professional judges. The judging panel enlightened us with many different solutions. We are also very grateful to our mentors, for giving us a lot of advice.

CECAS
2024
Best ESG Award

We would like to thank our mentors for their valuable advice and guidance on presentation skills. Beyond providing assistance with data, they also shared practical insights to help us understand clearly the problems we encountered, and the solutions needed.

ORGANISING COMMITTEE

Chairman

Mr. Louis MAH
Director – Group Information Technology, Maxim's Caterers Limited

Members

Mr. Brian CHAN
ERP Project Director | Integrated Data Technologies, Gammon Construction

Mr. William CHAN
Chief Information Officer, CUHK Medical Centre

Dr. Toa CHARM
President, HK IoT Industry Advisory Council, GS1 Hong Kong

Prof. Jack CHENG
Professor & Associate Head, Department of Civil and Environmental Engineering, HKUST

Ms. Mignone CHENG
Chief Marketing Officer, GS1 Hong Kong

Ar. Prof. Ada FUNG, BBS
Founding President, HK Alliance of Built Asset & Environment Information Management Associations

Mr. Argon HO
Chief Commercial Officer – Group ICT Business, HGC Global Communications

Mr. Henry LI
Head of Ecosystem Development, Hong Kong Cyberport Management Company Limited

Mr. Stephen LIU
Head of Channel Sales, Check Point Software Technologies Limited

Ms. Betty LO
Head of Project Management Office, Jebsen & Co. Limited

Ms. Joanne MO
Director, Digital Strategy & Innovation, Swire Coca-Cola Limited

Ir. Susanna SHEN, MH
Advisor of HKCS CIO Board, Hong Kong Computer Society

Mr. Ricky SIU
Senior Vice President, Mobile Product & Solution, Commercial Group, HKT Limited

Mr. Patrick TSANG
Senior Advisor, Information & Communication Centre, Chow Tai Fook Jewellery Group

Mr. John WONG
General Manager, SP Infinite Technology Limited

Mr. Lance YEUNG
Assistant Director - Data Governance & Management, Hong Kong Science & Technology Parks Corporation

** In alphabetical order by Surname*

Organiser

GS1 Hong Kong

The Hong Kong Internet of Things Industry Advisory Council

Co-organisers

Cyberport 數碼港

HKSTP

Funding Organisation

數字政策辦公室 Digital Policy Office

政府資助計劃 Government-funded programme

Technology Partners

aws

Gold Sponsors

watsons water

COBALT

萬寧 mannings

Venue Sponsor

Cyberport 數碼港

HKSTP

Media Partners

CISION PR Newswire

techapplé

Supporting Organisations

MARTECH SOCIETY

B4B CHALLENGE Be Data For Business

CityU College of Business

Data & AI Literacy Association

香港工業總會 FHKI

buildingSMART Hong Kong, China

香港浸會大學 HONG KONG BAPTIST UNIVERSITY

香港珠海學院 Hong Kong Chu Hai College

Hong Kong Computer Society 香港電腦學會

Hong Kong Electronics & Technologies Association 香港電子科技商會

HKITF

HKITDA 香港創科發展協會

Hong Kong Institute of Information Technology 香港資訊科技學院

IOTA Hong Kong Internet of Things Alliance

香港都會大學 Hong Kong Metropolitan University

香港樹仁大學 工商管理學系 Hong Kong Shue Yan University Department of Business Administration

TLA·HK Hong Kong Transport & Logistics Association

WTIA 香港無線科技商會

Internet Society Hong Kong Chapter

IOT HK 香港物聯網

Life Sciences & Medical Development Foundation

Lingnan University 嶺南大學

SFU 創業培育中心 Innovative Incubation Centre

CHKCI 香港電腦商會

CUHK Business School Centre for Business Sustainability

香港恒生大學 The Hang Seng University of Hong Kong

創新及創業中心 Centre for Innovation and Entrepreneurship

HKCNSA

HKCSS 社聯

BAKE 行為與知識工程研究中心 Behaviour and Knowledge Engineering Research Centre

Department of Industrial & Systems Engineering 工業及系統工程學系

HKUST Entrepreneurship Center 香港科技大學創業中心

iBDG Institute of Big Data Governance

IDIA

Department of Data and Systems Engineering The University of Hong Kong

The University of Hong Kong faculty of architecture 香港大學建築學院 Department of Real Estate and Construction

** In alphabetical order by Organisation Name*

CONTACT | Email: **iot@gs1hk.org** Tel: **2861 2819**

GS1 Hong Kong

22/F, OTB Building, 160 Gloucester Road, Wanchai, Hong Kong

T +852 2861 2819 | E info@gs1hk.org | F +852 2861 2423

www.gs1hk.org

More Info

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