



香港資優教育學苑

The Hong Kong Academy for Gifted Education

香港特別行政區政府教育局資助

Subvented by the Education Bureau, the Government of the HKSAR



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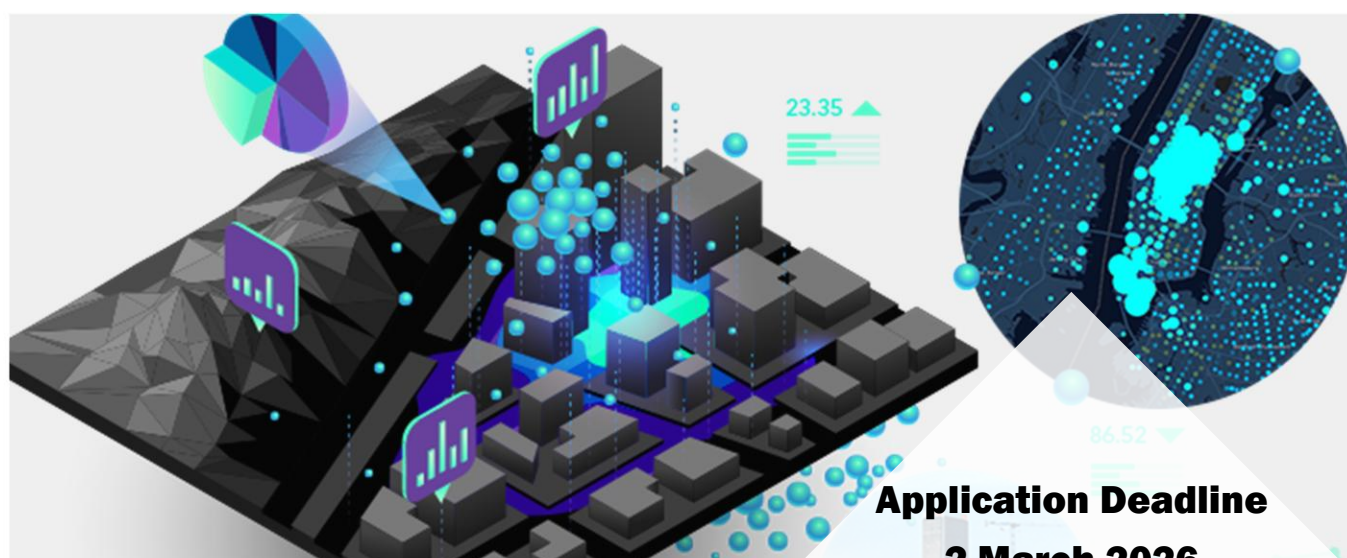
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[**Gifted Programme**]

Data Science Course (Level II)

GeoAI & Spatial Innovations Mastering ArcGIS Online and ArcGIS Pro

Instructors from Esri China (Hong Kong) Limited



Application Deadline

2 March 2026

12:00 noon

Result Release

2 March 2026

Intended Learning Outcomes

Upon completion of the gifted programme, gifted students should be able to:

1. develop interactive maps and apps with Map API, 3D analysis, and ArcGIS Experience Builder;
2. apply pre-trained GeoAI models to analyze satellite images, perform raster analysis and detect features.
3. enhance innovative thinking skills with advanced geospatial technologies, with a mindset to contribute to solving real-world problems.

◆ Gifted Programme Introduction

This course aims to equip students with advanced skills in Geographic Information Systems (GIS) using ArcGIS Online and Pro, focusing on spatial analysis, visualization, and innovative geospatial applications. Students will be introduced to the advanced capabilities of ArcGIS Online, gaining hands-on experience with its various tools and functionalities that enhance data visualization and spatial analysis. A key component of the course involves learning how to integrate interactive maps through the CSDI API, allowing students to develop custom applications that improve user interaction with geospatial data.

◆ Schedule

Session	Date	Time	Venue
1	14 March 2026 (Saturday)	2:00 p.m. – 5:00 p.m.	Room 403, HKAGE
2	21 March 2026 (Saturday)	2:00 p.m. – 5:30 p.m.	
3	28 March 2026 (Saturday)	2:00 p.m. – 5:30 p.m.	

◆ Suitable for

- S1 – S6 HKAGE student members in the 2025/26 school year. (Priority will be given to student members who completed E1DAS005W, E1DAS007W & E1DAS008W).
- Class size: 27
- Student members would be selected randomly by the computer system. The decision of HKAGE on the result of the selection should be final.

◆ Pre-requisite

No special prerequisites are needed

◆ Medium of Instruction

Cantonese with English handouts

◆ Certificate

E-certificate will be awarded to participants who have:

- attended ALL sessions; AND
- completed all the assignments with satisfactory performance