

# STEM Education Demonstration: Data Mining

(A1STM001W)

## Introduction

**Have you heard and learnt Data Mining at school?**

**How do you learn Data Mining at school?**

**How does your schoolteacher teach Data Mining?**

In collaboration with The Education University of Hong Kong (EdUHK), Advanced Learning Experiences Division will offer a talk and a workshop/demonstration in April 2021 to promote data literacy and STEM learning and arouse students' interest in data mining and STEM education.

There are 4 groups of student teacher taking a Master course on Data Mining and STEM Education offered by the Master of Arts in Mathematics and Pedagogy of EdUHK have designed a STEM activity to tackle a real-life problem by applying data mining techniques. In the demonstration, each group of student teachers will demonstrate a short STEM lesson to you and as a participant, you will get to vote and give comments to the student teachers.

Prior to the workshop/demonstration, there is a talk on data mining and analytical techniques for possible STEM applications by Prof YU Leung Ho, Philip from EdUHK on 23 April 2021. Information about the talk can be referenced to [here](#).

## Programme Type

Talk ([Non-Token required](#))

## Speaker

Prof YU Leung Ho, Philip  
Department of Mathematics and Information Technology, The Education University of Hong Kong

4 groups of student teachers  
Studying Master of Arts in Mathematics and Pedagogy, The Education University of Hong Kong

## Target Participants

- S1 to S6 HKAGE members
- Capacity: 50
- Priority will be given to S3 to S6 HKAGE members

\*First come, first served.

## Medium of Instruction

Cantonese or Putonghua (subject to student teachers)

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## Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

- describe STEM applications in which data mining techniques are applied in practice;
- participate the project presentation and raise questions and/or give feedback for project teams;
- evaluate the project presentation and cast votes for the innovative Data Mining and STEM Education Awards.

## Application Deadline

**27 April 2021, Tuesday (12:00nn)**

## Schedule

Date	Time	Venue	<a href="#">Click to apply</a>
30 April 2021 (Friday)	5:30pm – 7:00pm	Room 105, HKAGE	

The programme sessions may be cancelled or rescheduled and the delivery mode may change according to the development of coronavirus disease 2019 (COVID-19) and EDB guidance.

If the Education Bureau announces that all whole-day schools classes will be cancelled due to inclement weather, the programme will be cancelled or rescheduled.

For updated arrangements of inclement weather and coronavirus disease 2019 (COVID-19), please pay close attention to email notification and announcement in HKAGE website.

## Enquiries

For enquiries, please contact Ms Christie SO at 3940 0101 (after language selection, press 6) or email to [ale@hkage.org.hk](mailto:ale@hkage.org.hk).

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