

Talk: Data Mining

(A1STM001T)

Introduction

“Data is a precious thing and will last longer than the systems themselves.”

– Tim Berners-Lee, inventor of the World Wide Web

“Without big data analytics, companies are blind and deaf, wandering out onto the web like deer on a freeway.”

– Geoffrey Moore, an American organizational theorist, management consultant and author

“Experts often possess more data than judgment.”

Colin Powell, an American politician, diplomat

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.

Prof YU Leung Ho, Philip from Department of Mathematics and Information Technology, EdUHK will deliver a talk on unpacking what “Data Mining (DM)” is, and how it is related to the latest hot buzzwords, including “Machine Learning (ML)”, “Big data” and “Artificial Intelligence (AI)”. The talk will also introduce some analytical techniques and briefly illustrate recent research projects in DM/ML/AI and their potential in STEM applications.

Information about the workshop/demonstration 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

Target Participants

- P4 to S6 HKAGE members
 - Capacity: 80
 - Priority will be given to S3 to S6 HKAGE members
- *First come, first served.

Medium of Instruction

Cantonese (supplemented with English, if necessary)

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Intended Learning Outcomes

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

- identify what “Data Mining (DM)” is and describe how it is related to the latest hot buzzwords “Machine Learning (ML)”, “Big Data” and “Artificial Intelligence (AI)”;
- describe a wide range of data mining techniques and discuss their strengths and weaknesses;
- identify research projects in DM/ML/AI and discuss its potential STEM applications.

Application Deadline

20 April 2021, Tuesday (12:00nn)

Schedule

Date	Time	Venue	
23 April 2021 (Friday)	5:30pm – 7:00pm	Room 105, HKAGE	Click to apply

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.

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