



## QESS Seminar

# Introduction to Machine learning, Deep learning – Its Benefits & Success Cases in Teaching and Learning

**Date: 25 June 2024 (Tuesday)**

**Time: 2:00 pm – 5:00 pm**

**Mode: In-person or online via Microsoft Teams**

**Venue: PolyU West Kowloon Campus**

**Language: English**

**Equipment: Participants are encouraged to bring a laptop to the seminar**

Speaker

## Dr Adam Wong

Dr Adam Wong is a Senior Lecturer of the Division of Science, Engineering and Health Studies at the College of Professional and Continuing Education (CPCE) of The Hong Kong Polytechnic University (PolyU). Before joining PolyU CPCE in 2003, he had worked for international companies such as Acer, Philips, Hewlett-Packard and PCCW. Dr Wong has presented research papers in international conferences and implemented government-funded research and education enhancement projects. His research interests include training, education, digital marketing, cloud computing and machine learning. In June 2018, he received the Best Paper Award at the 5th Teaching & Education Conference, Amsterdam, the Netherlands. In December 2023, he received the Best Presentation Award at the International Conference on Big Data Analysis and Application, Singapore. He has completed two UGC/FDS projects and one QESS project as the Principal Investigator.



### Abstract

This three-hour seminar will demystify the fundamentals of Machine Learning (ML) and Deep Learning (DL), demonstrating their potential in teaching and learning. Participants will understand the elements that constitute machine learning applications. Then, a generic framework will be provided to guide the steps to build ML & DL applications. The benefits and limitations of ML & DL will be also discussed. The participants will be able to share their views on the opportunities and obstacles in applying machine learning in their particular contexts. Finally, some success cases of applying ML & DL in teaching & learning will be discussed. This seminar is designed for educators, administrators, and anyone interested in harnessing AI to enhance teaching and learning experiences.

*Free Registration*



*All are welcome*

### Moderator

**Dr Edmund Wut**

Senior Lecturer of Division of Business and Hospitality Management, CPCE, PolyU

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[Project: Improving the student learning experience by helping teachers develop and utilise chatbots (04/QESS/2023)].