

POSTGRADUATE SEMINAR SERIES

Topic Defence Seminar

Topic Title: **Developing an Intelligent Chatbot for Tax Planning: A Large Language Model Approach**

Presenter: **Mr LIU Jintai**
MPhil student of Accountancy

Abstract : This study proposes the development of an intelligent chatbot for tax planning using a fine-tuned large language model (LLM), specifically GPT-4o, to address the gap in NLP applications within the tax domain. Leveraging China's unified tax code and case questions from the CPA exam, the chatbot aims to provide precise, scenario-based tax advice while overcoming challenges posed by the complexity and dynamism of tax regulations. The research contributes to both tax planning and NLP literature by introducing the first LLM-based advisory system, compiling a novel dataset, and establishing a framework for future AI applications in taxation.

Date : 23 May 2025, Friday
Time : 14:30 – 16:00
Venue : SEK210, 2/F, Simon & Eleanor Kwok Building
Language : English



*** All are Welcome ***