

IMMC-QEF Field Study
IMMC-QEF 實地研習
Laboratory for AI-Powered Financial Technologies Limited
人工智能金融科技實驗室有限公司
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IMMC-QEF (International Mathematical Modeling Challenge – Quality Education Fund) 實地研習是「通過數學建模教與學促進 STEM 教育增益計劃」的一部分。此計劃由“優質教育基金”(QEF)支持。

人工智能金融科技實驗室 (AIFT) 大力支持是次實地研習，實驗室主任嚴厚民教授親自介紹了 AIFT 的背景及工作範疇，並邀請參加者積極體驗 AI 在社會中的作用。嚴教授說：「看起來我們只要懂得 AI 就可以做到任何事情，但這些都不是最基本的，最基本的（技能）是數學和編程。」

參加活動的師生在參觀 AIFT 的實驗室之餘，由我們的科研人員指導，嘗試利用 Python 運行機器學習的代碼，並學會了開發工具的安裝及程式運行，從中體驗機器學習的運作原理。年輕的研究員亦介紹了 AI 支援的手機應用程式，如何利用金融大數據為投資者提供智能投資顧問服務。

IMMC – QEF (International Mathematical Modeling Challenge – Quality Education Fund) Field Study is a part of the program “The Advanced Program for Promoting STEM Education” through Learning and Teaching Mathematical Modeling and its Applications. The program is supported by QEF.

Laboratory for AI-Powered Financial Technologies Limited (AIFT) fully supported this Field Study. Our director, Prof. Houmin Yan, introduced the background and duties of AIFT. He invited the participants to experience what AI can do for society. He said “It looks like we know the AI, we can do everything. It is not any unique fundamentals, mathematics and programming are the fundamentals.” A young researcher also introduced how an AI-supported mobile application uses financial-big data to provide investors with intelligent investment advisory services.

Teachers and students not only visited the AIFT office, but also tried to run the machine learning codes with the programming language, Python, under the guidance of AIFT researchers. Furthermore, they also learned how to install development tools and execute programs, and experience how machine learning works.