



School of Data Science

香港城市大學
City University of Hong Kong

ONLINE SEMINAR

Data and AI Markets: Grand Opportunities for Facilitating Sharing, Discovery, and Integration in Data and AI Economies

Date: 6 December 2023 (Wednesday)

Time: 4:00pm - 5:00pm



Seminar Link: <https://cityu.zoom.us/j/96108081918>

ABSTRACT

Data and AI model sharing has been a long time bottleneck for AI and data economies. In this talk, I will argue that data and AI model discovery and integration are foundations for effective sharing. I will also revisit why sharing remains a big challenge and why many existing approaches like data warehouses, data lakes, federated databases, and federated learning are still far from enough to solve the problem, particularly for sharing among organizations. Then, I will advocate data and AI markets as a potential grand opportunity for data and AI model sharing at scale, particularly for inter-organization sharing. Using some recent studies I will demonstrate some exciting technical problems in data and AI model markets for the database and data science communities. I will also offer my humble views on the future directions on data and AI model markets.



Professor Jian PEI

GUEST SPEAKER'S PROFILE

Professor Jian Pei is the Arthur S. Pearse Distinguished Professor at Duke University. He is a trailblazing expert in the domains of data science, data mining, database systems, machine learning, and information retrieval. His pioneering contributions to the development of data science principles and techniques for data-driven and data-intensive applications have garnered him accolades and recognition as a Fellow of the Royal Society of Canada, the Canadian Academy of Engineering, ACM, and IEEE. With a prolific publication record in premier academic venues, Professor Pei's works have garnered over 123,000 citations. He is the recipient of numerous prestigious awards, including the 2017 ACM SIGKDD Innovation Award and the 2015 ACM SIGKDD Service Award. Professor Pei's dedication to the field is evident through his past roles as the chair of ACM SIGKDD and the Editor-in-Chief of IEEE Transactions on Knowledge and Data Engineering, as well as the major organizers of many conferences.

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All are welcome