

DISTINGUISHED LECTURE SERIES 2022/23

COMMODIFYING DATA EXPLORATION

3 APR 2023 (MON)

10:00 – 11:00 AM (HKT)

Mrs. Padma Harilela Lecture Theatre (WLB 104),
Shaw Campus, HKBU /

Online via Zoom

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Abstract:

Exploratory Data Analysis (EDA) is an iterative and often tedious process. Several strategies have been proposed to ease the burden on users in EDA ranging from stepwise to full-guidance approaches. Stepwise approaches rely on computing utility functions that determine the best action to take at each step. Full-guidance approaches rely on learning end-to-end exploration policies. Today's big question is how to commodify EDA and make it easily deployable for all but for that we need to know what users are looking for: are they looking for a needle in a haystack, taking a tour of the data, or are they feeling lucky? This talk will investigate those questions and discuss the challenges of storing learned pathways through data or regenerating them when needed.

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