

COURSE DETAIL

BIG DATA AND DATA MINING

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

138

UCEAP Course Suffix

UCEAP Official Title

BIG DATA AND DATA MINING

UCEAP Transcript Title

BIG DATA & MINING

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

The course covers advanced topics and techniques in big data, with a focus on the algorithmic and system aspects. It provides both theoretical and hands-on experience in big data and data mining. Topics include MapReduce, textual data management, graph data management, uncertain data management, association rule mining, and state-of-the-art data mining techniques. It also covers recent developments and progress in selected areas.

Language(s) of Instruction

English

Host Institution Course Number

FITE3010

Host Institution Course Title

BIG DATA AND DATA MINING

Host Institution Course Details

<https://ai.hku.hk/index.php/programmes/course-offered?infile=2025/fite3010.html>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computing & Data Science

Course Last Reviewed

2025-2026

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