

# 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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