COURSE DETAIL

DATA MINING
Country Hong Kong
Host Institution Hong Kong University of Science and Technology (HKUST)
Program(s) Hong Kong University of Science and Technology
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 108
UCEAP Course Suffix
UCEAP Official Title DATA MINING
UCEAP Transcript Title DATA MINING
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
This course introduces the concepts and techniques in the field of data mining. Topics include an introduction to data preprocessing and the techniques used to explore the large quantities of data for the discovery of predictive models and knowledge. The course includes data mining techniques such as nearest neighbor, decision trees, neural networks, Bayesian networks and Naïve Bayes, rule-based methods, association analysis and clustering, as well as social networks and data mining applications in business and finance applications.

Language(s) of Instruction
English

Host Institution Course Number
COMP4331

Host Institution Course Title
DATA MINING

Host Institution Course Details

Host Institution Campus
HKUST, Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed

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