COURSE DETAIL

MACHINE LEARNING AND DATA MINING

Country
Canada

Host Institution
University of British Columbia

Program(s)
University of British Columbia

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
125

UCEAP Course Suffix

UCEAP Official Title
MACHINE LEARNING AND DATA MINING

UCEAP Transcript Title
MACHINE LEARNING

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course offers a study of machine learning and data mining. Topics include: models of algorithms for dimensionality reduction; nonlinear regression; classification; clustering and unsupervised learning; applications to computer graphics; computer games; bio-informatics; information retrieval; e-commerce; databases; computer vision; artificial intelligence.

Language(s) of Instruction

English

Host Institution Course Number

CPSC 340

Host Institution Course Title

MACHINE LEARNING AND DATA MINING

Host Institution Campus

UBC Vancouver

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer Science

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