

COURSE DETAIL

MACHINE LEARNING

Country

Denmark

Host Institution

University of Copenhagen

Program(s)

University of Copenhagen

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

141

UCEAP Course Suffix

A

UCEAP Official Title

MACHINE LEARNING

UCEAP Transcript Title

MACHINE LEARNING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course introduces basic theory and algorithms of machine learning. Topics include: supervised learning setting; unsupervised learning setting; concentration of measure inequalities; analysis of generalization in classification; algorithms; assumptions behind the algorithms taught in the course, their implications, and common pitfalls; and correlation versus causality. The course assumes solid math and programming skills, including knowledge of linear algebra, calculus, probability theory, discrete mathematics, and programming.

Language(s) of Instruction

English

Host Institution Course Number

NDAK22000U

Host Institution Course Title

MACHINE LEARNING

Host Institution Campus

Host Institution Faculty

Science

Host Institution Degree

Master

Host Institution Department

Computer Science

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