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; c oncentration 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 A (MLA)

Host Institution Course Details
https://kurser.ku.dk/course/ndak22000u/2023-2024

Host Institution Campus

Host Institution Faculty
Science

Host Institution Degree
Master

Host Institution Department
Computer Science

Course Last Reviewed
2023-2024

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