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
B

UCEAP Official Title
MACHINE LEARNING

UCEAP Transcript Title
MACHINE LEARNING

UCEAP Quarter Units
6.00

UCEAP Semester Units

4.00

Course Description

The course is a continuation of CS 141A MACHINE LEARNING A course and provides deeper theoretical foundations of machine learning and a number of advanced theoretically grounded learning techniques. A tentative list of topics includes: basics in optimization theory, basics of information theory, advanced techniques for analyzing generalization power of learning algorithms, Kernel methods, ensemble classifiers and weighted majority vote, and Bayesian inference. Prerequisite: CS 141 MACHINE LEARNING A.

Language(s) of Instruction
English

Host Institution Course Number
NDAK22001U

Host Institution Course Title
MACHINE LEARNING B

Host Institution Course Details
https://kurser.ku.dk/course/ndak22001u/2025-2026

Host Institution Campus

Host Institution Faculty
Science

Host Institution Degree
Master

Host Institution Department
Computer Science

Course Last Reviewed
2025-2026

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