

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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