

COURSE DETAIL

ELEMENTS OF 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

102

UCEAP Course Suffix**UCEAP Official Title**

ELEMENTS OF MACHINE LEARNING

UCEAP Transcript Title

ELEMNT MACHNE LEARN

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

Machine learning lies at the heart of Artificial Intelligence. This course considers machine learning at an advanced step of the data processing pipeline, where it is used to turn data into knowledge. Students are introduced to the basics of machine learning including foundations, deep learning, writing code for machine learning in practice, modern machine learning tools, libraries, and infrastructures. The course covers the following tentative topic list: foundations of learning and generalization; non-linear classification; non-linear regression; neural networks and deep learning.

Language(s) of Instruction

English

Host Institution Course Number

NDAB18003U

Host Institution Course Title

ELEMENTS OF MACHINE LEARNING

Host Institution Course Details

<https://kurser.ku.dk/course/ndab18003u/2019-2020>

Host Institution Campus

Science

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Computer Science

Course Last Reviewed

2020-2021

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