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
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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 Campus
Science

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

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