COURSE DETAIL

PRACTICAL MACHINE LEARNING

Country
Japan

Host Institution
Tohoku University

Program(s)
Engineering and Science

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Mechanical Engineering

UCEAP Course Number
110

UCEAP Course Suffix

UCEAP Official Title
PRACTICAL MACHINE LEARNING

UCEAP Transcript Title
MACHINE LEARNING

UCEAP Quarter Units
3.00

UCEAP Semester Units
2.00

Course Description

This course studies Machine Learning, an important sub-area of Artificial Intelligence. It is designed to help students understand some key technologies such as linear classifiers, support vector machines, decision trees and neural networks, through the process of applying them to actual data and developing Python programs.

This course aims to instruct students on machine learning and basic skills on data processing. Students will be expected to read and write Python programs and modules by the end of the course.

Language(s) of Instruction
Japanese

Host Institution Course Number
N/A

Host Institution Course Title
HANDS-ON MACHINE LEARNING I

Host Institution Course Details
https://gkms3.bureau.tohoku.ac.jp/sa_qj/slbssbdr.do?value%28risyunen%29=2023&va...

Host Institution Campus
Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department
College-wide

Course Last Reviewed
2022-2023

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