COURSE DETAIL

INTRODUCTION TO MACHINE LEARNING

Country
Korea, South

Host Institution
Yonsei University

Program(s)
Yonsei University Summer

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
12

UCEAP Course Suffix
S

UCEAP Official Title
INTRODUCTION TO MACHINE LEARNING

UCEAP Transcript Title
INTRO MACHINE LEARN

UCEAP Quarter Units
4.50

UCEAP Semester Units

3.00

Course Description

This course covers foundational concepts of machine learning for beginners with limited programming experience. Students use elementary machine learning algorithms with programming languages, such as Python to solve real-life problems with data sets. In addition, this course develops the mathematical basis for students to understand how basic machine learning techniques such as singular-value decomposition, principal component analysis, and linear least squares for linear regression work.

Language(s) of Instruction
English

Host Institution Course Number
IEE1065

Host Institution Course Title
INTRODUCTION TO MACHINE LEARNING

Host Institution Course Details

Host Institution Campus
Yonsei International Summer School

Host Institution Faculty

Host Institution Degree

Host Institution Department
Science & Technology

Course Last Reviewed
2022-2023

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