COURSE DETAIL

MATHEMATICS FOR MACHINE LEARNING
Country United Kingdom - England
Host Institution University College London
Program(s) Summer at University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics Computer Science
UCEAP Course Number 112
UCEAP Course Suffix S
UCEAP Official Title MATHEMATICS FOR MACHINE LEARNING
UCEAP Transcript Title MATH/MACHINE LEARN
UCEAP Quarter Units 6.00
UCEAP Semester Units

4.00

Course Description

This course offers students a grounding in the language of modern machine learning, with a focus on particular topics in linear algebra, differential calculus, probability, and statistics. Rather than focusing on theorems and their proofs, the course covers the key tools (and theorems) within the topic areas, and to illustrate these with exemplars drawn from machine learning. The course is delivered through a mixture of lectures and classes, and involves a mix of traditional lecture delivery, interactive notebooks, and problem sets.

Language(s) of Instruction
English

Host Institution Course Number
ISSU0129

Host Institution Course Title
MATHEMATICS FOR MACHINE LEARNING

Host Institution Course Details
https://www.ucl.ac.uk/prospective-students/summer-school/modules/mathematics-fo…

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed

2024-2025

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