COURSE DETAIL

MACHINE LEARNING IN PRACTICE

Country
United Kingdom - England

Host Institution
London School of Economics

Program(s)
Summer at London School of Economics

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Statistics Computer Science

UCEAP Course Number
120

UCEAP Course Suffix
S

UCEAP Official Title
MACHINE LEARNING IN PRACTICE

UCEAP Transcript Title
MACHINE LEARNING

UCEAP Quarter Units
5.50

UCEAP Semester Units

3.70

Course Description
Machine learning combines the fields of engineering, statistics, mathematics, and computing. This course covers a wide range of machine learning methods, both model-based and algorithmic. It illustrates the applications of these methods through real-world examples and datasets. It also aims to present the theoretical foundation of these methodologies. Students should be familiar with the basic concepts of statistics (up to linear regression) and have some basic understanding of calculus and linear algebra. Some minimal experience with computer programming is also required.

Language(s) of Instruction
English

Host Institution Course Number
ME315

Host Institution Course Title
MACHINE LEARNING IN PRACTICE

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Statistics

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