COURSE DETAIL

INTRODUCTION TO DATA SCIENCE AND MACHINE LEARNING
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 157
UCEAP Course Suffix S
UCEAP Official Title INTRODUCTION TO DATA SCIENCE AND MACHINE LEARNING
UCEAP Transcript Title DATA SCI&MACH LEARN
UCEAP Quarter Units 5.50
UCEAP Semester Units

3.70

Course Description

This course provides an introduction to the quantitative analysis of data, blending classical statistical methods with recent advances in computational, and machine learning. Students cover key topics such as the challenges of analyzing big data using statistical methods, and how machine learning and data science can aid in knowledge generation and improve decision-making. Students also explore quantitative methods of text analysis, including mining social media and other online resources.

Language(s) of Instruction
English

Host Institution Course Number
ME314

Host Institution Course Title
INTRODUCTION TO DATA SCIENCE AND MACHINE LEARNING

Host Institution Course Details
https://www.lse.ac.uk/study-at-lse/summer-schools/summer-school/courses/researc...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Data Science Institute

Course Last Reviewed
2024-2025

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