COURSE DETAIL

DATA SCIENCE IN ECONOMICS
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Economics
UCEAP Course Number 153
UCEAP Course Suffix
UCEAP Official Title DATA SCIENCE IN ECONOMICS
UCEAP Transcript Title DATA SCI IN ECON
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

Data science concerns the analysis of Big Data and is fast becoming an essential part of an economist's toolkit. Taking standard linear regression analysis as a starting point, this course introduces principles and methods from Machine Learning that enable economic analysis of Big Data. Machine Learning is focused on extracting information from complex data and automatically building good predictions. All analysis is conducted in R, an open-source statistical language for data analysis that is widely used in industry, government, and academia. Note: All students enrolled on this course are required to bring a laptop with them to tutorial sessions, in order to take part fully in teaching. If you do not own a laptop, the School encourages you to explore the University's laptop loan scheme.

Language(s) of Instruction
English

Host Institution Course Number
ECNM10109

Host Institution Course Title
DATA SCIENCE IN ECONOMICS

Host Institution Course Details
http://www.drps.ed.ac.uk/23-24/dpt/cxecnm10109.htm

Host Institution Campus

Host Institution Faculty
School of Economics

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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