COURSE DETAIL

QUANTITATIVE METHODS 2: DATA SCIENCE AND VISUALIZATION
Country United Kingdom - England
Host Institution University College London
Program(s) University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics
UCEAP Course Number 122
UCEAP Course Suffix
UCEAP Official Title QUANTITATIVE METHODS 2: DATA SCIENCE AND VISUALIZATION
UCEAP Transcript Title DATA SCI&VISUALIZTN
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
The course teaches quantitative skills, with an emphasis on the context and use of data. Students learn to focus on datasets, which will allow them to explore questions in society – in arts, humanities, sports, criminal justice, economics, inequality, or policy. Students are expected to work with Python to carry out data manipulation (cleaning and segmentation), analysis (for example, deriving descriptive statistics) and visualization (graphing, mapping, and other forms of visualization). They engage with literatures around a topic and connect their datasets and analyses to explore and decide wider arguments, and link their results to these contextual considerations.

Language(s) of Instruction
English

Host Institution Course Number
BASC0005

Host Institution Course Title
QUANTITATIVE METHODS 2: DATA SCIENCE AND VISUALISATION

Host Institution Course Details
https://www.ucl.ac.uk/module-catalogue/modules/quantitative-methods-2-data-scie...

Host Institution Campus
University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Arts and Sciences

Course Last Reviewed
2023-2024

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