

COURSE DETAIL

VISUALIZING INFORMATION: USES AND ABUSES OF DATA

Country

United Kingdom - England

Host Institution

University of Manchester

Program(s)

University of Manchester

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics

UCEAP Course Number

113

UCEAP Course Suffix**UCEAP Official Title**

VISUALIZING INFORMATION: USES AND ABUSES OF DATA

UCEAP Transcript Title

VISUALIZING INFO

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

In this course, students learn to engage with information visually. They learn to recognize and critique oversimplifying, biased, or misleading forms of visual representation, and to create their own visualizations to explore and communicate data that matters to them. Using examples from a wide range of academic disciplines - from economics, to literature, meteorology, history, urban design, or computer science - students discover key principles of visual thinking and communication and learn how to create their own charts and maps. Historically, data visualization has often been used to discriminate, control, and police. In this course, students also explore interventions by critical data scientists, scholars, and activists who visualize data to expose injustice, challenge unfair classification systems, and speak truth to power. The course does not involve any coding and does not require previous technical knowledge.

Language(s) of Instruction

English

Host Institution Course Number

UCIL20401

Host Institution Course Title

VISUALIZING INFORMATION: USES AND ABUSES OF DATA

Host Institution Campus

University of Manchester

Host Institution Faculty

School of Arts, Languages, and Cultures

Host Institution Degree

Host Institution Department

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