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
VISUALISING INFORMATION: USES AND ABUSES OF DATA

Host Institution Course Details
https://www.college.manchester.ac.uk/units/?year=2023&semester=1&course=498

Host Institution Campus
University of Manchester

Host Institution Faculty
School of Arts, Languages, and Cultures

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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