COURSE DETAIL

DATA VISUALIZATION

Country
Korea, South

Host Institution
Seoul National University

Program(s)
Seoul National University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
103

UCEAP Course Suffix

UCEAP Official Title
DATA VISUALIZATION

UCEAP Transcript Title
DATA VISUALIZATION

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course covers methods and techniques to summarize and communicate the underlying patterns of different types of data. Students practice preprocessing (Python) and various data visualization tools, working on projects with real-world data. Topics include overview of data visualization, graph visual perception and design principles, data types and visualization techniques, basic and advanced charts and graphs, effective communication, time series data visualization and interactive visualizations, statistical visualizations, network data, machine learning, and data visualization trends.

Language(s) of Instruction
English

Host Institution Course Number
M3500.002400

Host Institution Course Title
DATA VISUALIZATION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

[Print](#)