

# 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 Course Details

<https://sugang.snu.ac.kr/sugang/cc/cc100InterfaceSrch.action>

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

### Course Last Reviewed

2024-2025

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