

Data Science and Communication in Smart Cities

Day 4: Student Group Workshop

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Schedule for the workshop today

- Introduction to the workshop; demo (20 min)
- Problem formulation (15 min)
- Problem Analysis (15 min)
- Prototype design and implementation (55 min)
- Validation and discussion (25 min)
- Develop slides for final presentation (50 min)

A demo of combining data science and communication

- Objective: Detecting radiation level in each region in Taiwan and visualize the data
 - Data science: using QGIS to show the detected radiation level in each area
 - Data communication: a data server subscribes to all radiation topics in Taiwan
- Notice that the above demonstration has only touched upon the technology side — How could this technology and mechanism help address complex social issues?