

---

---

# Sewer and Drainage

Bo Sung Kim

---

---

# Data & Motivation

- Sanitary Sewer Overflow
- Rainfall in Boston Neighborhoods (Boston Water and Sewer Commission)

As the sewer and drainage system is directly related to public health, our goal is to:

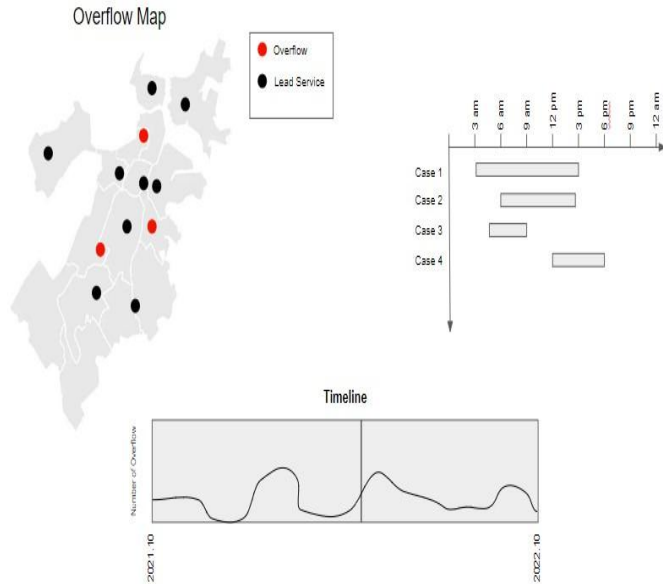
- Analyze Sanitary Sewer Overflow (SSO) to determine where to improve sewer system
  - Analyze Rainfall in Boston Neighborhood to prepare for future risks
-

# Tasks

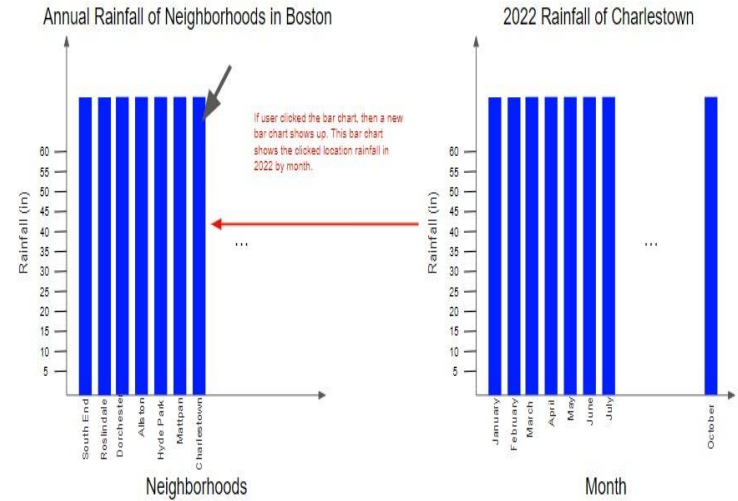
Index (ID #)	“Domain” Task	Analytic Task (Low-level, “Query”)	Search Task (Mid-level)	Analyze Task (High-level)
1	Examine overflow in sewer system, where the most frequent accidents occur	Find Extremum	Locate	Present
2	Analyze rainfall in Boston neighborhoods to find out the relationship between rainfall and sewer overflow	Correlate	Look up	Discover

# Design Process

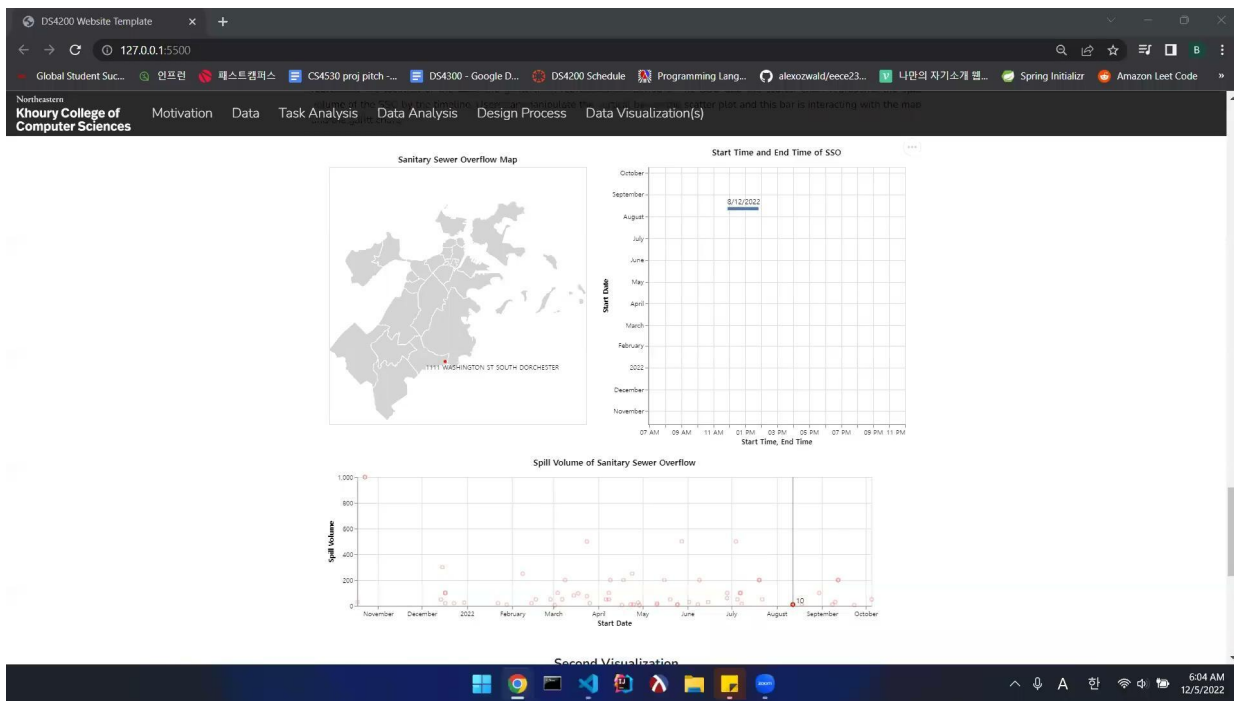
Static Screenshot #1



Static Screenshot #2



# Demo Video



# Thank you!

Questions?