Recommendation engine for location of ice cream trucks during summer in Toronto

Problem Statement

- A company is planning to launch 3 ice cream trucks

- Where to station them in Toronto?

Datasets being used

- Toronto pincode data (Wikipedia)

- Venues in each Toronto neighbourhood (FourSquare API)

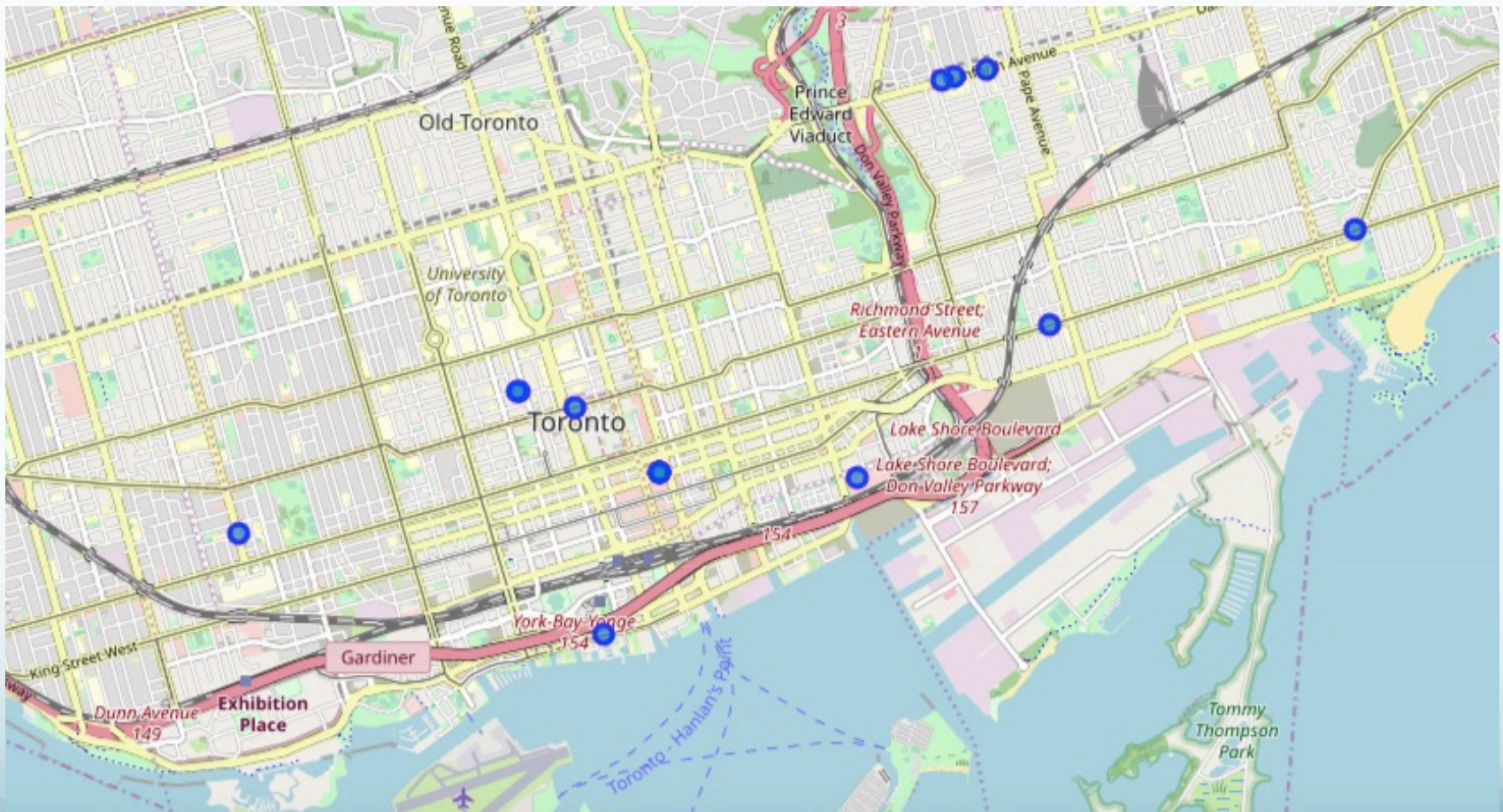- Air conditioned spaces in Toronto (Toronto Opendata)

Methodology

1. Isolate Toronto Neighborhoods

2. Calculate Ice cream shop density by neighborhood

3. Calculate air conditioned space density by neighborhood

4. Pick top three neighborhoods maximizing 3. and minimizing 2.
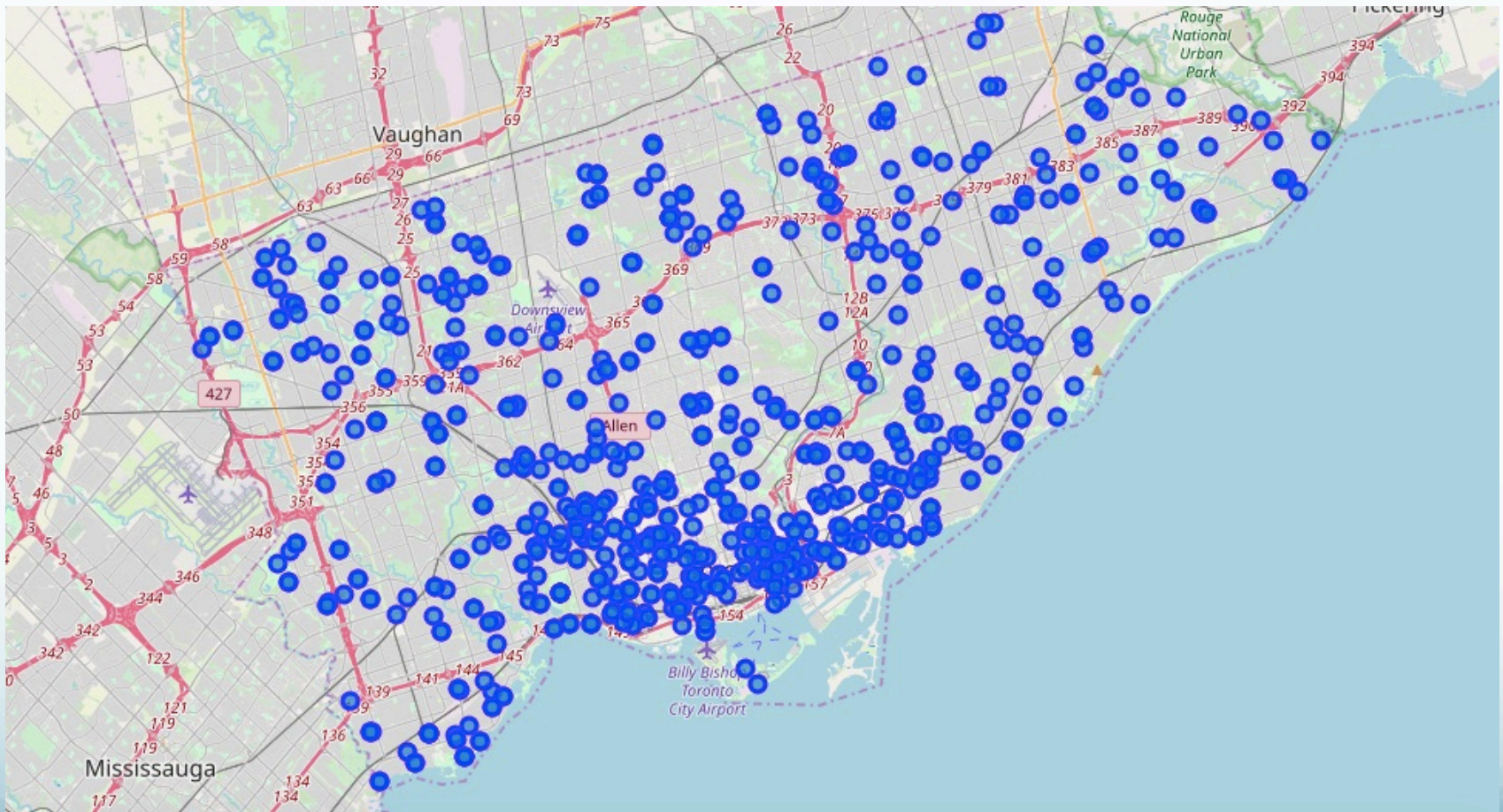
All Toronto neighbourhoods

All ice cream shops in Toronto

All air conditioned spaces in Toronto

Final recommendation of truck location