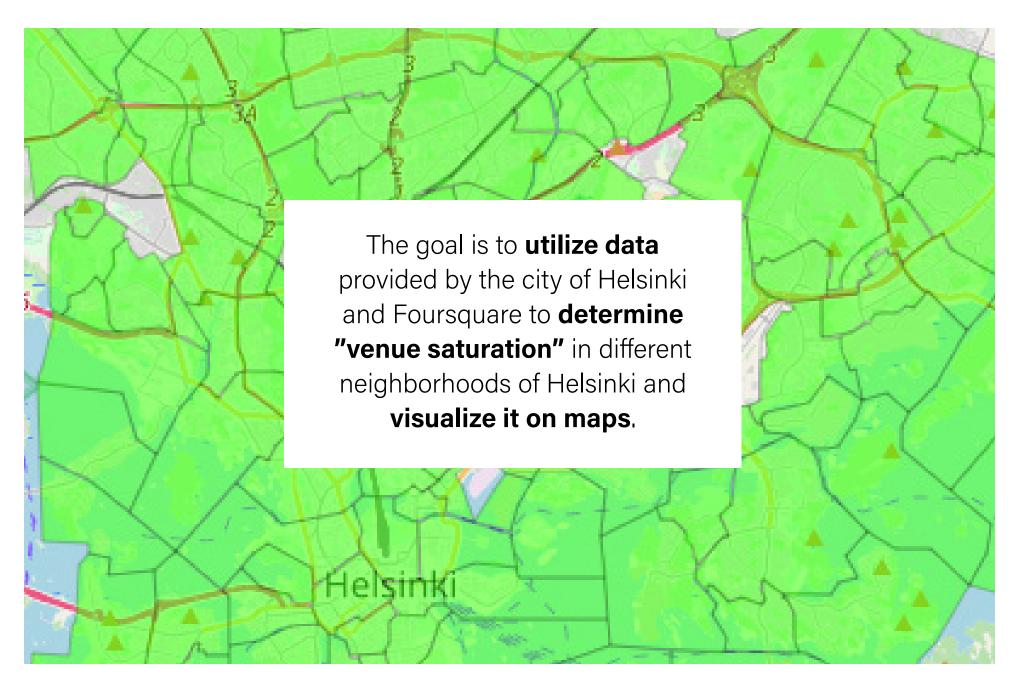
# Helsinki Hoods

Where to Start a Restaurant in Helsinki?

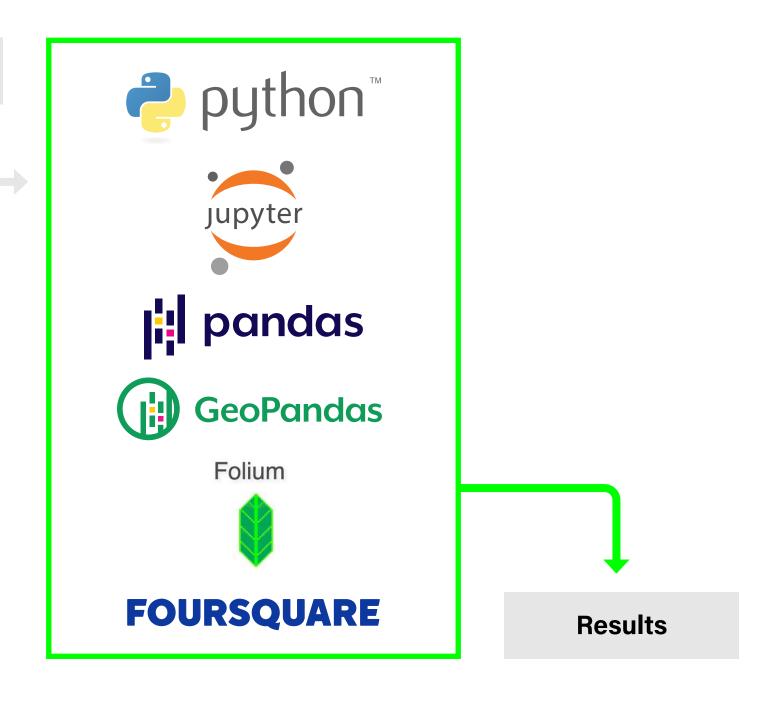
Applied Data Science Capstone Project Simo Sahla

# Finding business opportunities

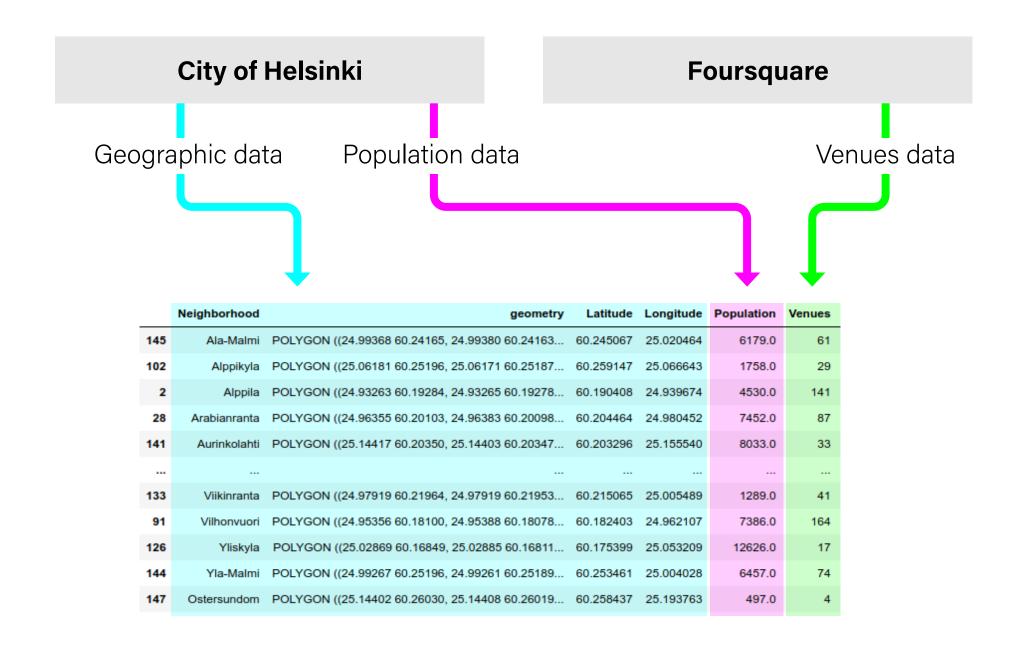


# Powerful free tools help achieve the goal

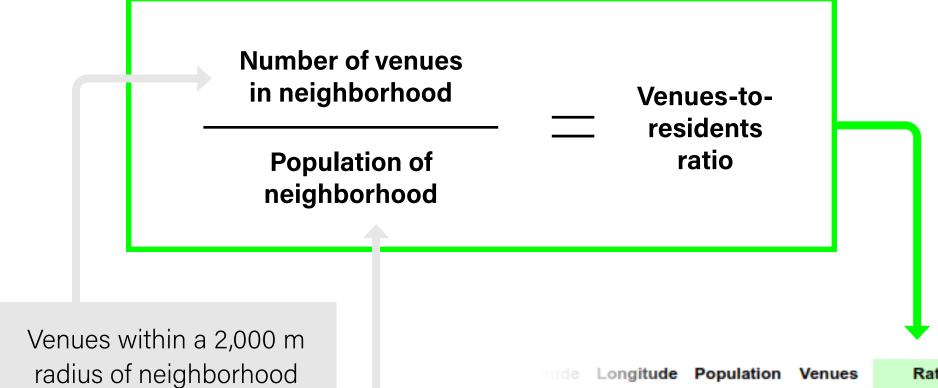
**Data sources** 



#### Combining data from different sources



## Calculating venues-to-residents ratio



To get more readable ratio figures, population is presented in thousands of residents

centroid point

| Longitude         | Population | Venues | Ratio     |
|-------------------|------------|--------|-----------|
| 25.0 <b>20464</b> | 6179.0     | 61     | 9.872148  |
| 25.06 <b>6643</b> | 1758.0     | 29     | 16.496018 |
| 24.9 <b>39674</b> | 4530.0     | 141    | 31.125828 |
| 24.98 <b>0452</b> | 7452.0     | 87     | 11.674718 |
| 25. <b>155540</b> | 8033.0     | 33     | 4.108054  |

## Plotting the data on a choropleth map

