

# Battle of the Neighbourhoods

Rickshaws in Stockholm

# Introduction

- For this project the following shall be attempted
  - While studying in Stockholm, I would like to earn some money offering rickshaw rides.
  - To identify potential interesting locations to position my rickshaw, foursquare data shall be used to identify valid locations in Stockholm.



# Data

Exploration of the foursquare dataset is used to resolve our question

- splitting the reason item results in all spots being marked as popular.
- as a consequence all venues are treated equally in this regard.

```
normalized_reason.head()

8]:
```

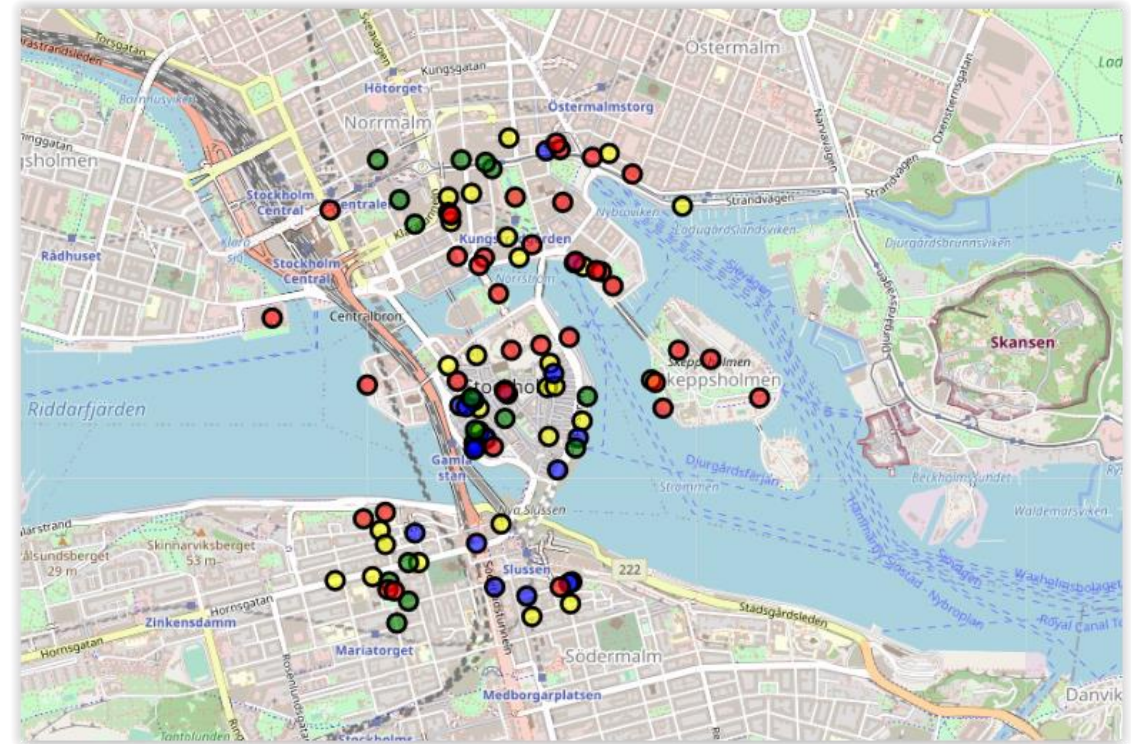
	name	items	lat	lng
0	Science Fiction Bokhandeln	This spot is popular	59.324047	18.070682
1	Barrels Burgers & Beer	This spot is popular	59.324685	18.068513
2	Tradition	This spot is popular	59.325940	18.073710
3	Stortorget	This spot is popular	59.324973	18.070727
4	Stockholms Gästabud	This spot is popular	59.325569	18.073991

```
print('There are {} different items.'.format(len(normalized_reason['items'].unique())))

There are 1 different items.
```

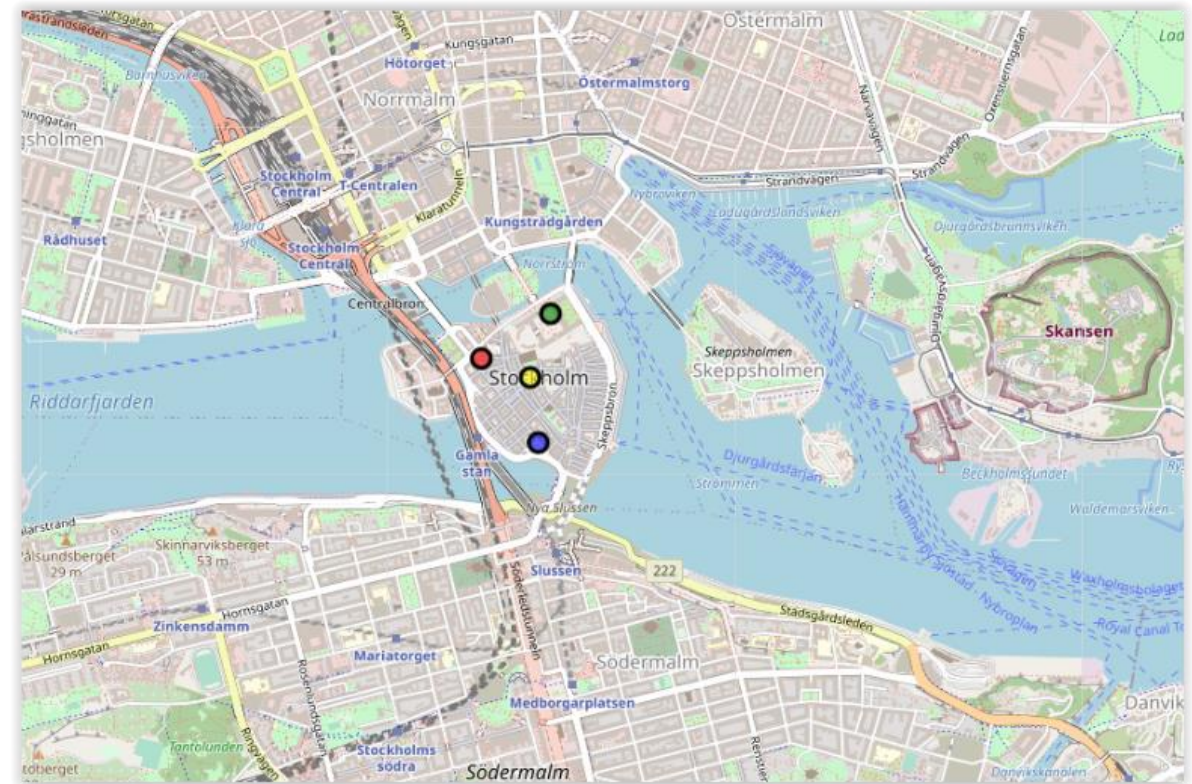
# Categorizing locations

- The color coding used is
  - yellow for restaurants,
  - blue for bars,
  - green for shops,
  - red for recreational places.



# Finding centres per category

- All centres are on the island of Gamla Stan
- This is the place to be for me.



Looking forward to see you there

