

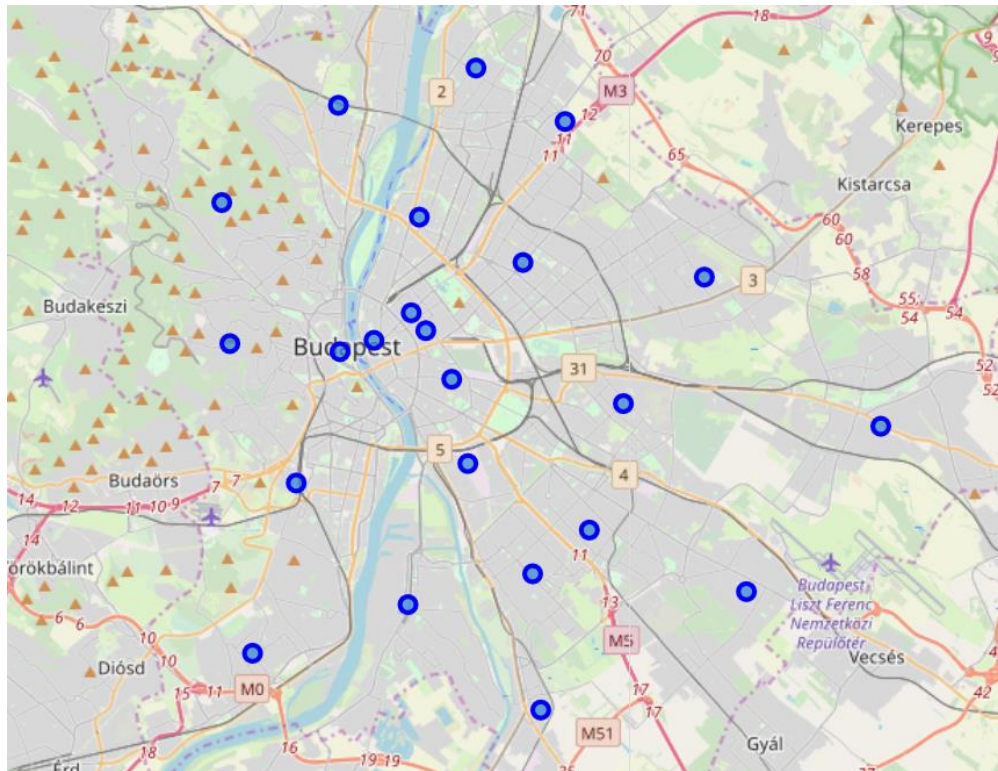
# Capstone Final Project

# Introduction

- Find the best place for a new pub
- Using the Foursquare API

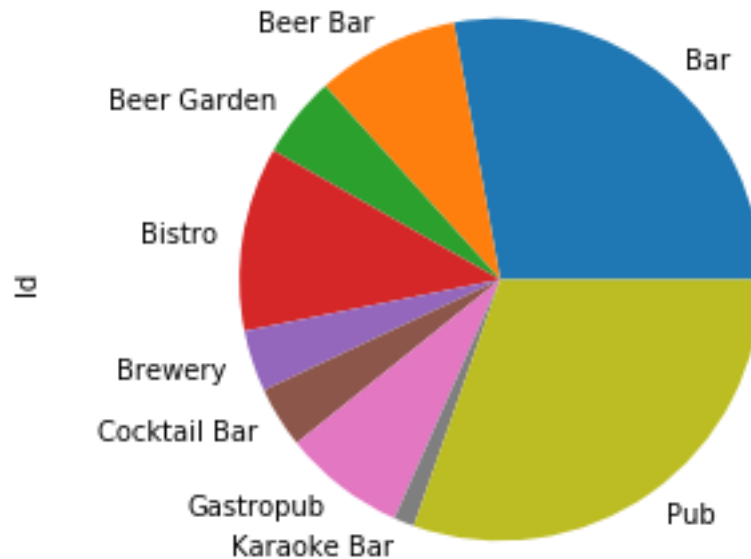
# Data

- Extract districts (23) from page:



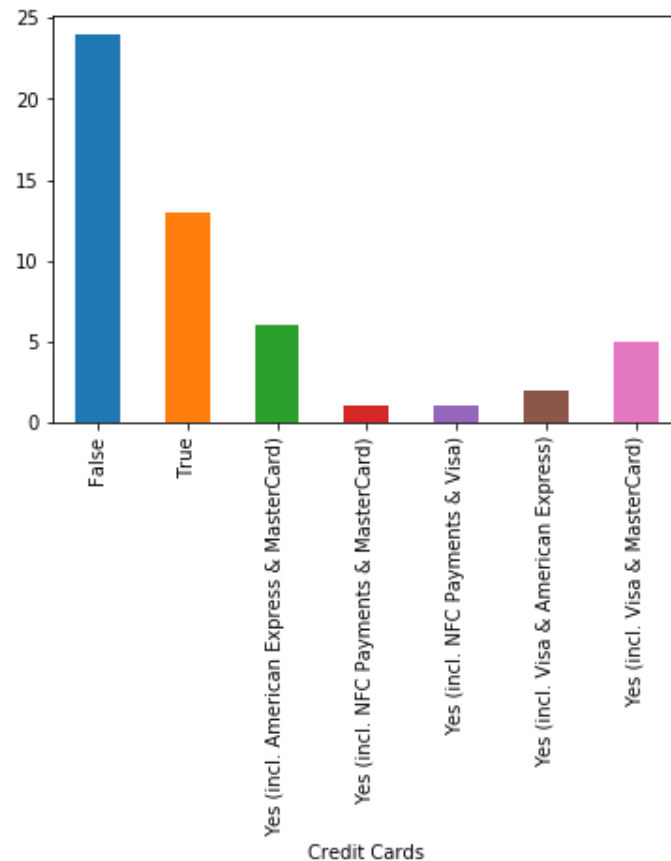
# Similar categories

- We don't always have categories with same name:



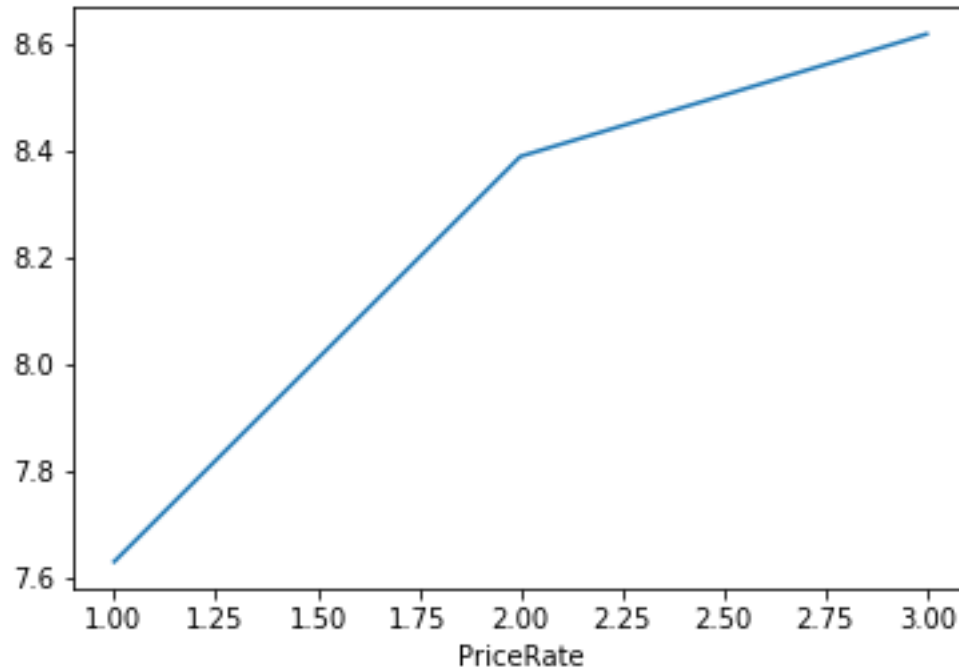
# Preprocessing details

- The details might have missing values, or similar values:
- Here we have card payment in different forms



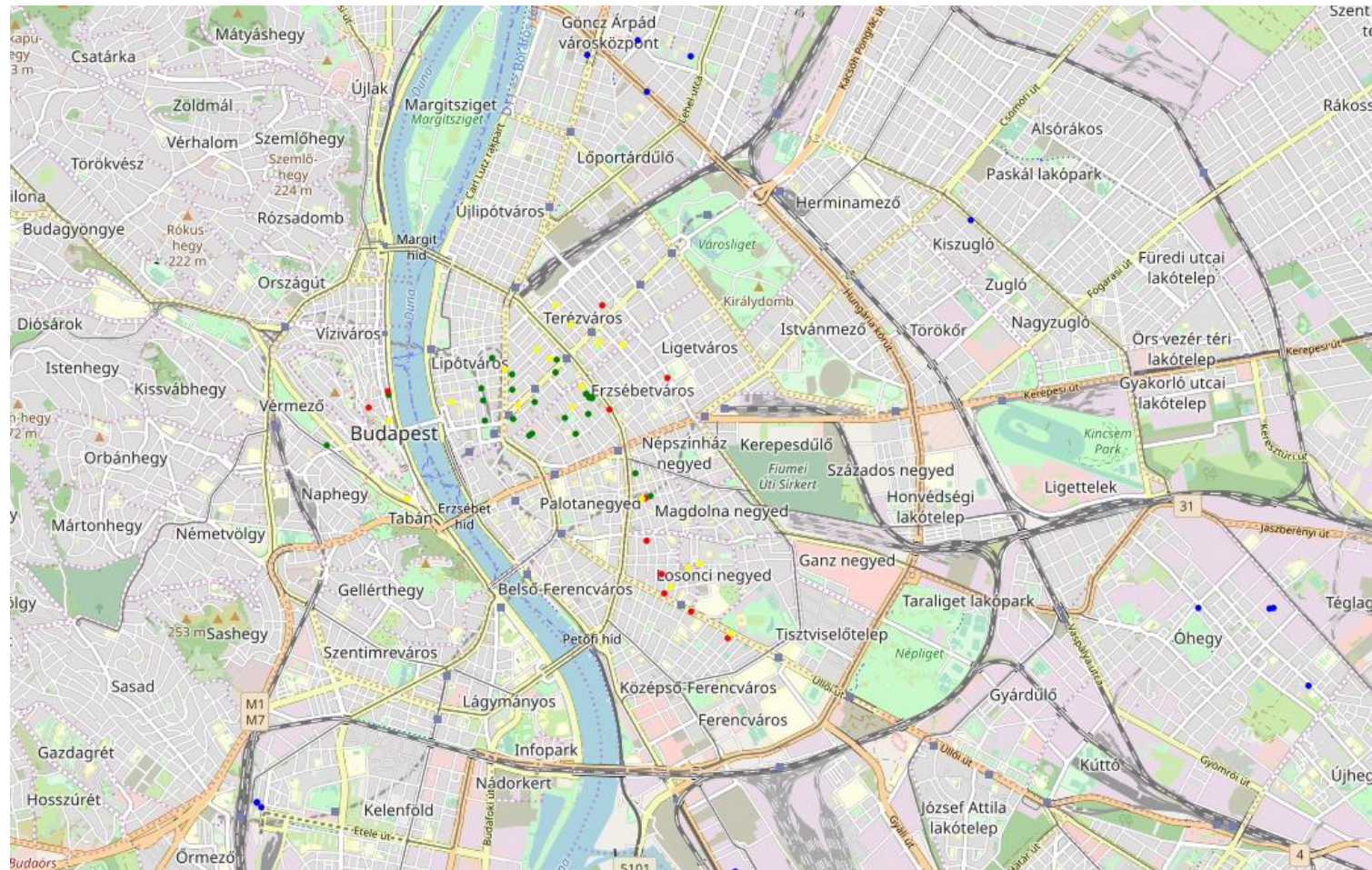
# Explore data

- Some correlations can be spotted easily. Here price rate directly affects rating:





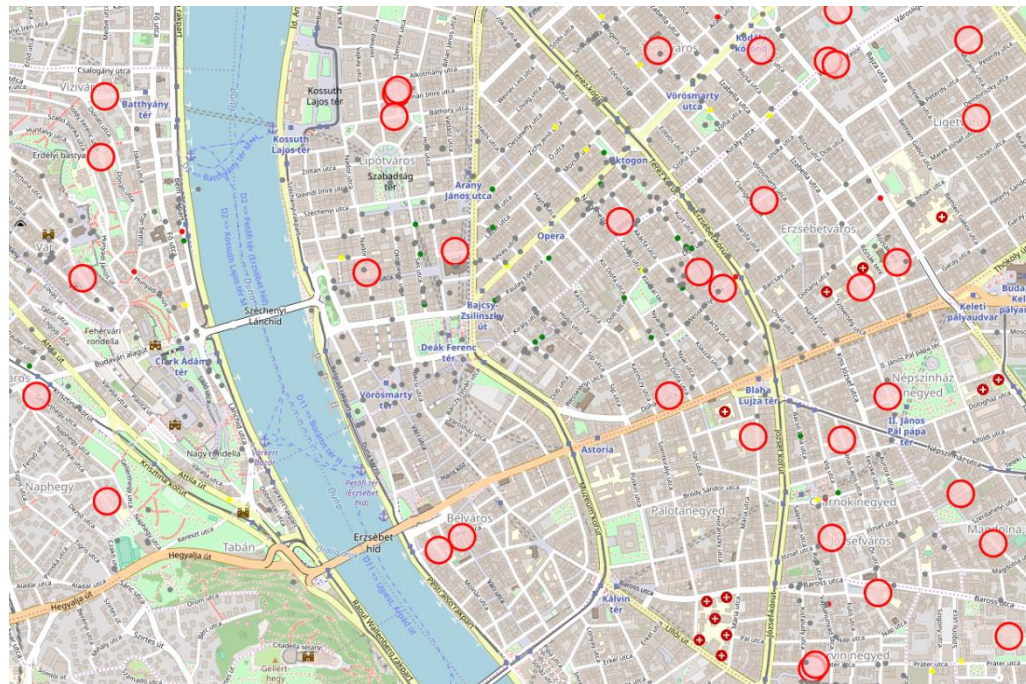
## Check the ratings on map





# School data

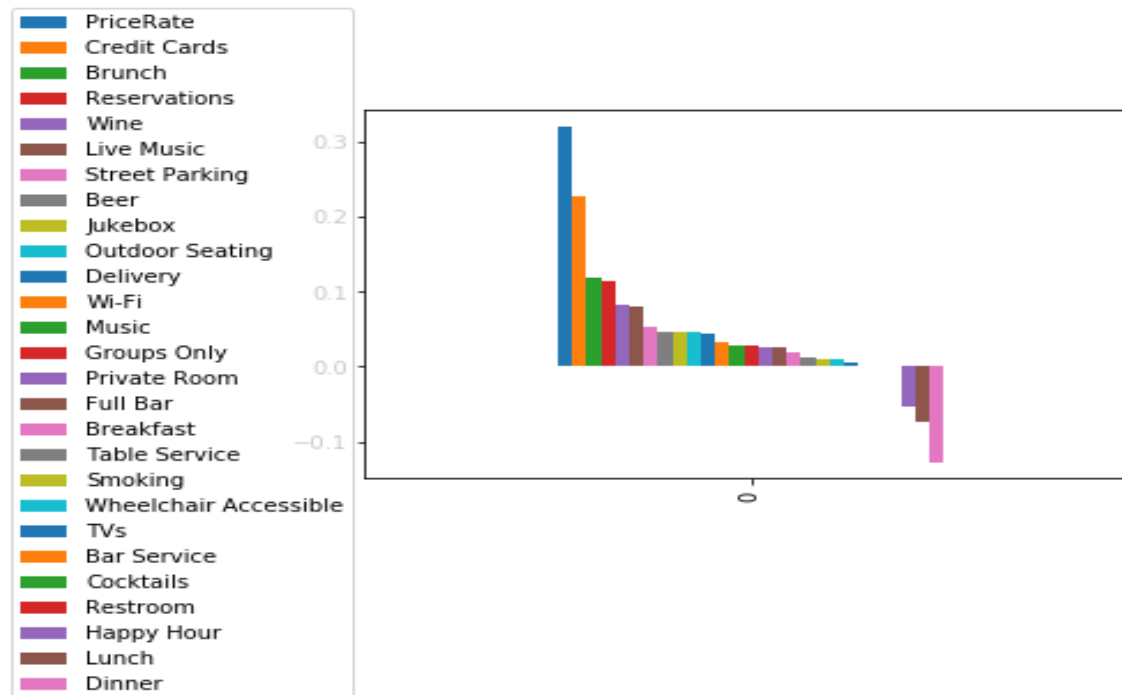
- I parsed all the school nearby from an official source. I drew 50 meter circle around them:





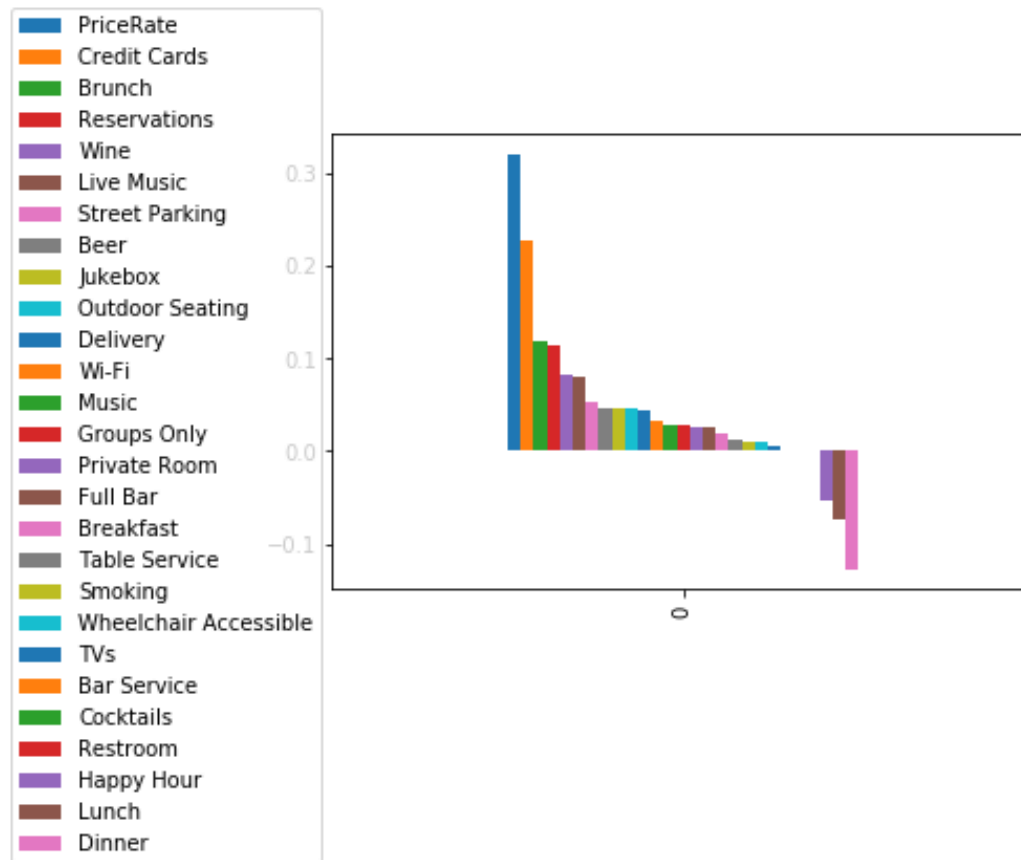
# Linear regression I.

- Linear regression used to find out how features affect the ratings:



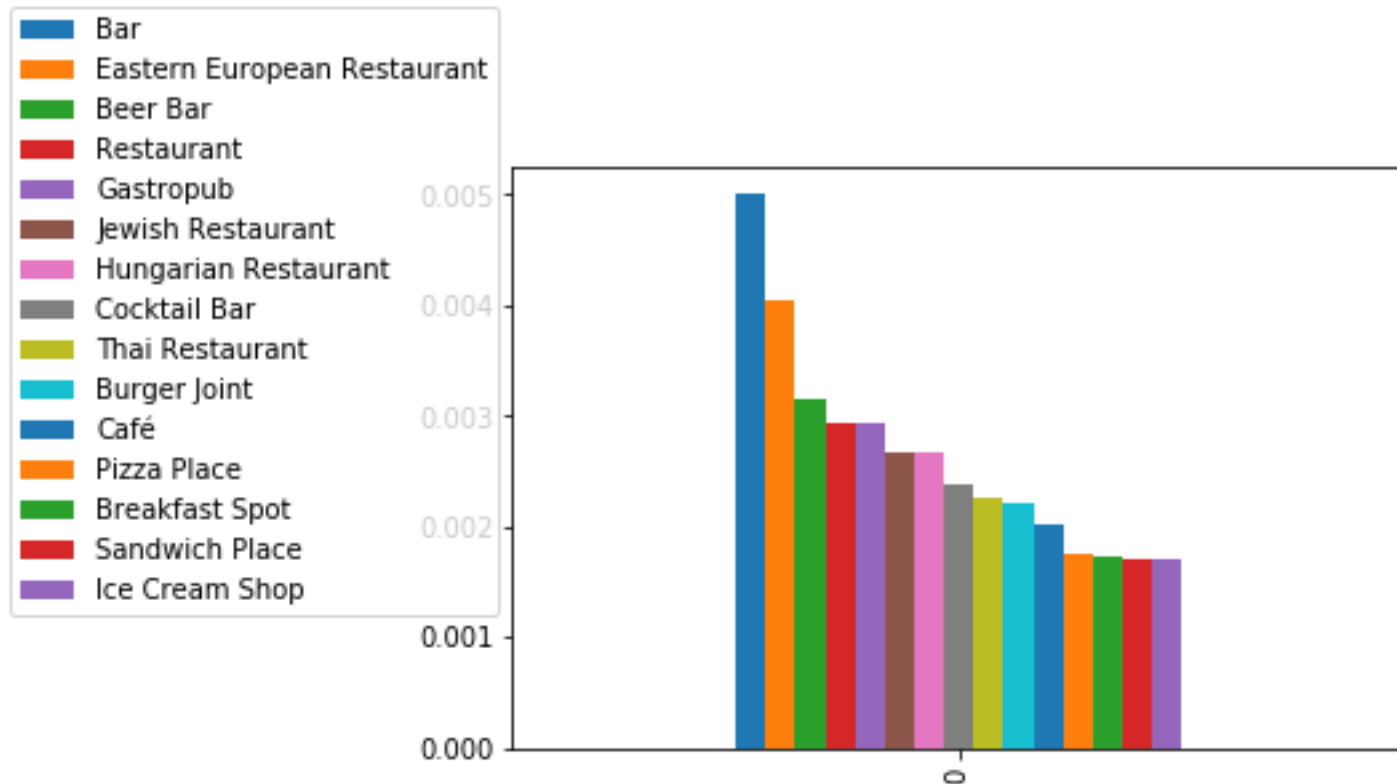
# Linear regression II.

- Also the likes (they are similar to ratings):



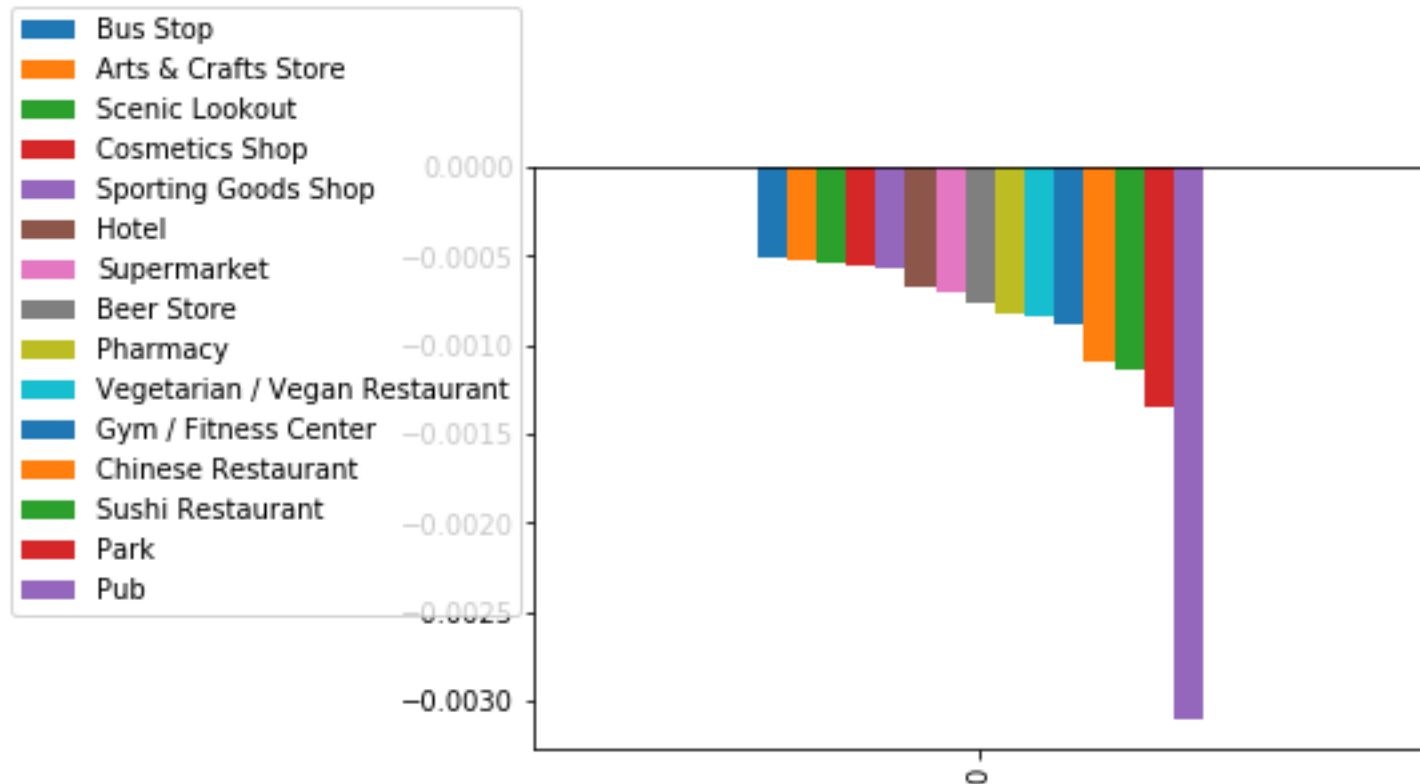
# Analyzing neighborhood I.

- Best venues nearby



# Analyzing neighborhood II.

- Worst venues close to the pub:



# Best locations

