Finding Locations to Open a Bar in Amsterdam

IBM DATA SCIENCES CAPSTONE PROJECT

Qingting.Song April 2019

Data Collection

- We need to collect names of all the neighbourhoods of Amsterdam. This can be achieved by scraping the Wiki page:
https://en.wikipedia.org/wiki/Category:Neighbourhoods_of_Amsterdam

- Get Geo data from https://geocoder.readthedocs.io/index.html. This will request and pull all the latitude and longitude data of Amsterdam Neighbourhoods which will be used to create map of Amsterdam.

- Request Foursquare data of all the venues in Amsterdam. We will merge this dataset with geographic data of Amsterdam and use this combined dataset as input of clustering analysis, and find out the most suitable location for opening a small bar.