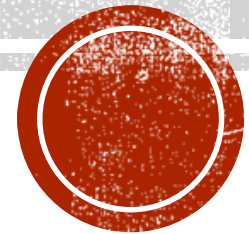


APPLIED DATA SCIENCE CAPSTONE

Final assingment: The Battle of Neighborhoods
Miraflores vs Los Angeles



BUSINESS PROBLEM

- When traveling for the first time to places around the world one problem tourists has to face is food. In the case of traveling to Peru many tourists will have to stay in Lima, probably Miraflores and it will be very useful if they know what type of restaurants they will find.
- So, for this project I am comparing options of food of a common city like Los Angeles in the USA against Miraflores in Lima, Peru.
- The main objective is to find out what type of food they will find in each city and how many options they will have.



MIRAFLORES, LIMA, PERÚ

- Miraflores is probably the most popular district in Lima from a tourist's perspective, featuring gorgeous coastal views, quality shopping, and world-class food.



DATA DESCRIPTION

In order to solve the problem of this case we need information about the restaurants around Miraflores and Los Angeles. More precisely, the number of existing restaurants in each location and their type.

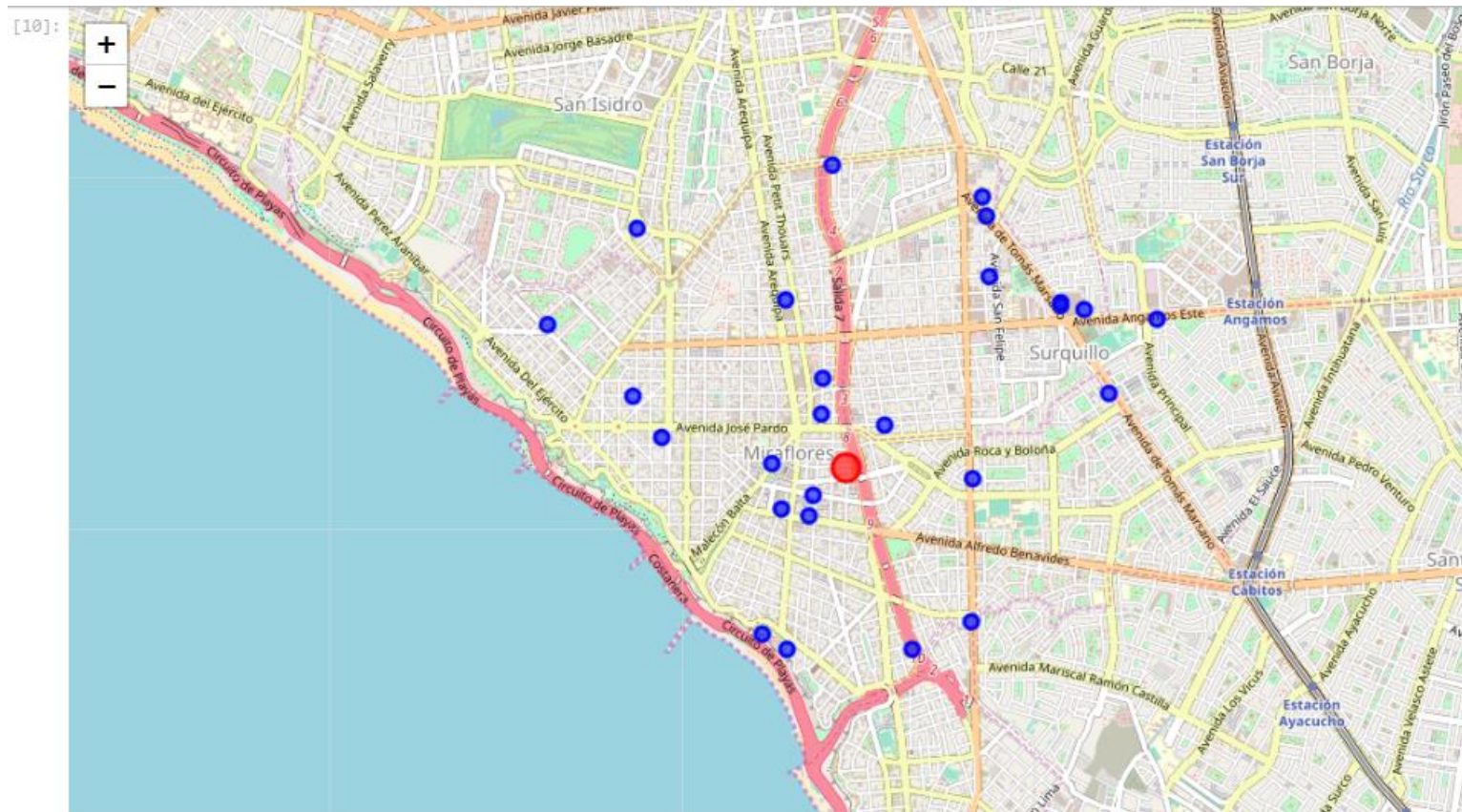
For our task we need:

- Latitude and longitude of each district.
- Number of restaurants and their type and location in every neighborhood will be obtained using Foursquare API.



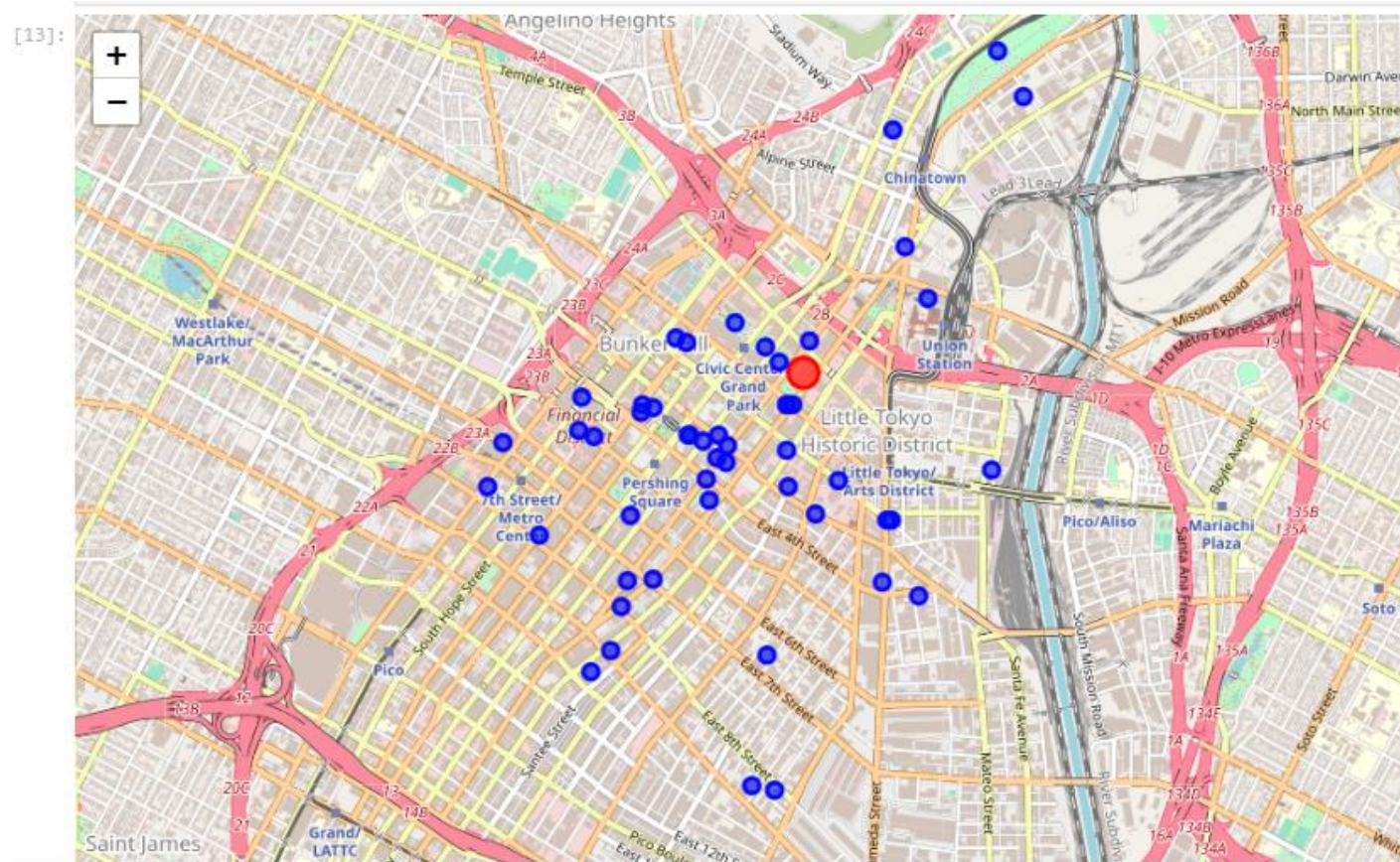
RESULTS - MAPS

- Restaurants in Miraflores

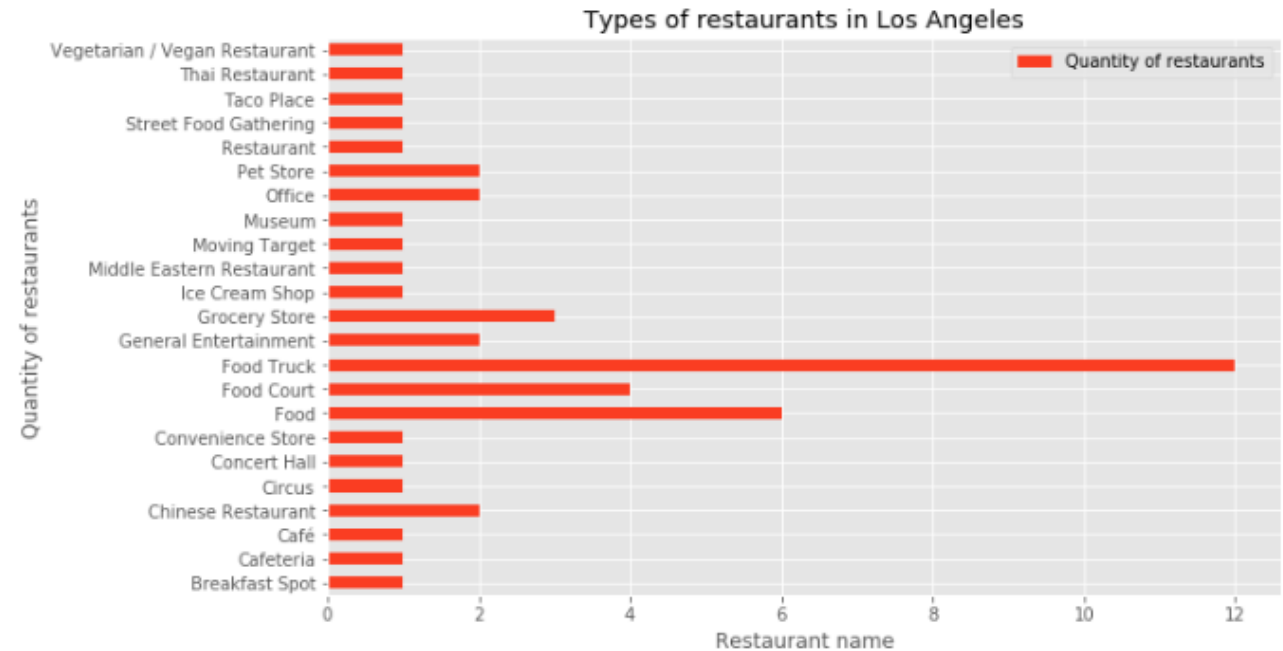
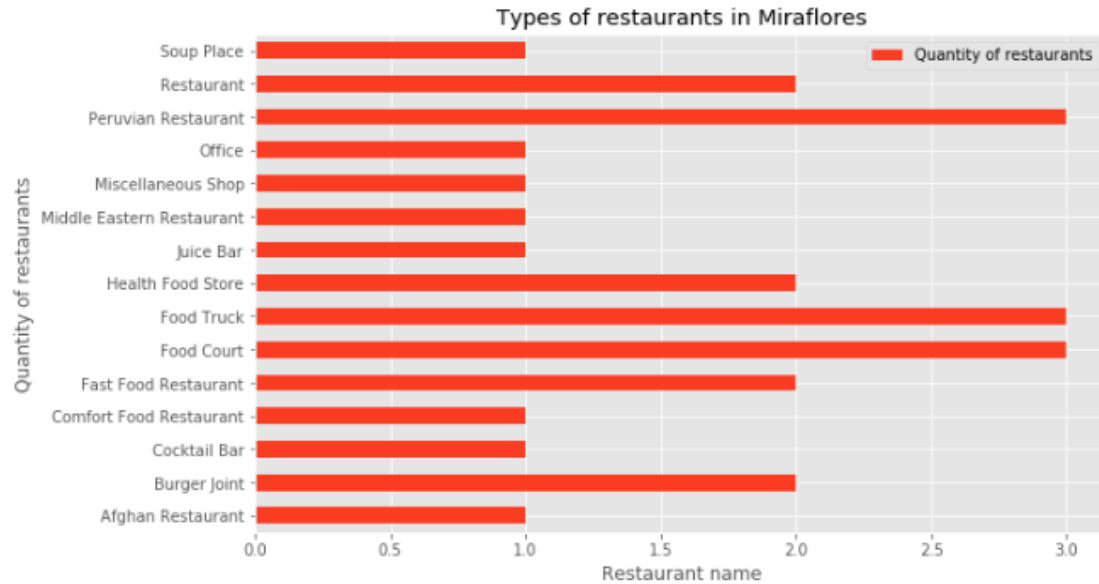


RESULTS - MAPS

- Restaurants in Los Angeles

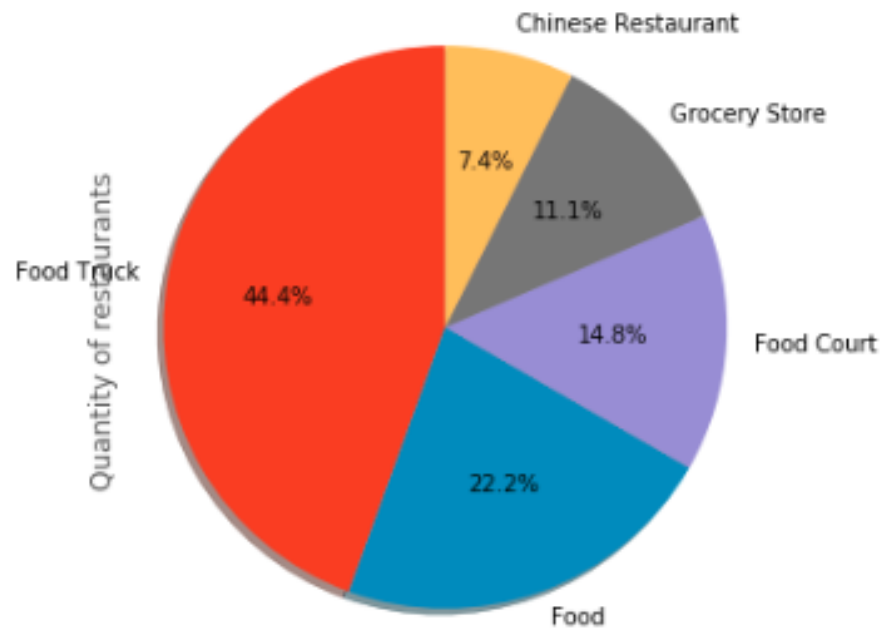


RESULTS — BAR CHART

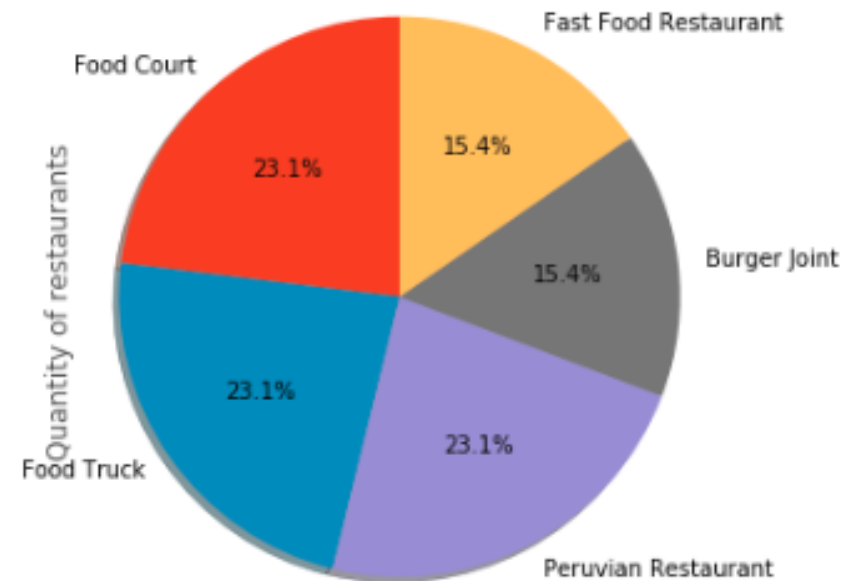


RESULTS — PIE CHART

Main 5 types of restaurants in Los Angeles



Main 5 types of restaurants in Miraflores



CONCLUSIONS

- Both cities have different options of food in terms of the types of restaurants but at the same time share their principal (Food trucks). If you are not a big fan of that kind of food you can try also Food courts and Eastern Restaurants in Miraflores.
- Miraflores has almost half of restaurants in total compared to Los Angeles and they not as close as they are in L.A. So maybe you will have to take a taxi o another mean of transport to get to your favorite place.
- Miraflores has a diverse portfolio of options you cannot find in L.A. like: Afghan Restaurant, Health food store and Peruvian Restaurants.

