Capstone Project: Battle of Neighbourhood Singapore (week2)

Introduction: Problem Description

This report explains search for a catering businessperson for best location for his business with less competition.

Idea of this project is - If a business person want to open a restaurant in Singapore, help him/her analyse which area would be better depending on competition in Singapore.

Data

Singapore has postal districts 1-28.

https://en.wikipedia.org/wiki/Postal_codes_in_Singapore#6-digit_postal_code

For the problem mentioned we would need data

- Location data for Singapore
- Venues data around Singapore

With Four square API, nearby venues within Singapore Were found
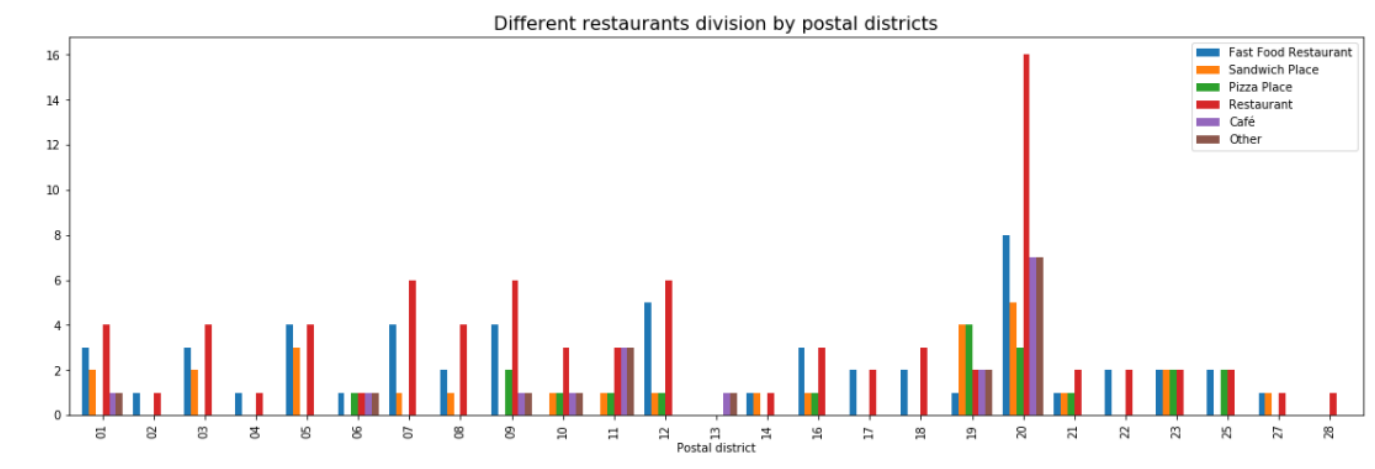
Methodology

This project will check the density of restaurants in Singapore postal districts.
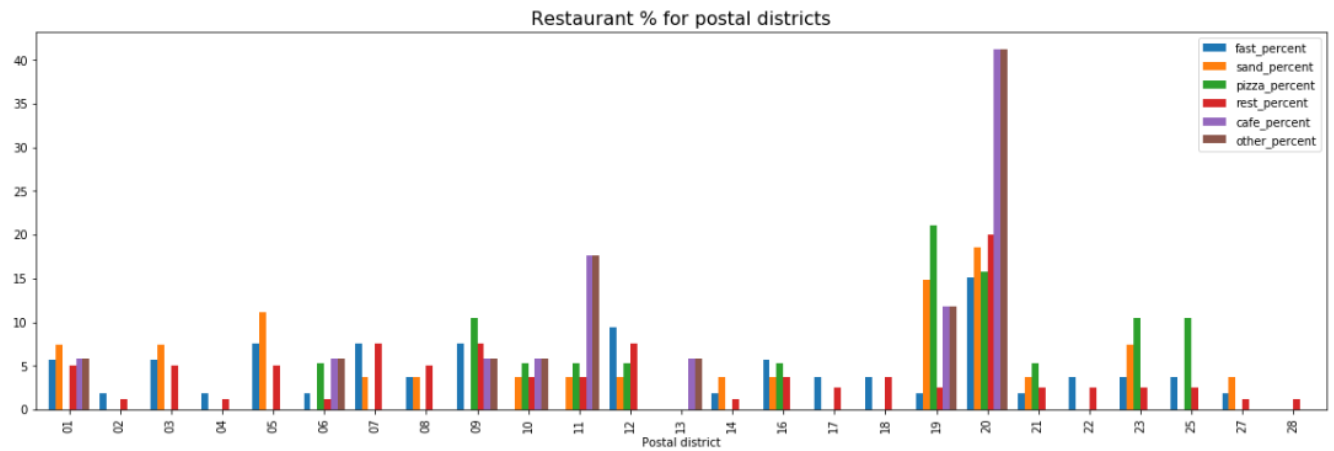
Plot bar charts for restaurants in Singapore postal districts. Plot bar chart for % of Restaurants around the Singapore.

Results

Restaurants counts for all postal districts of Singapore

% of Restaurants for postal districts

Restaurant % for postal districts

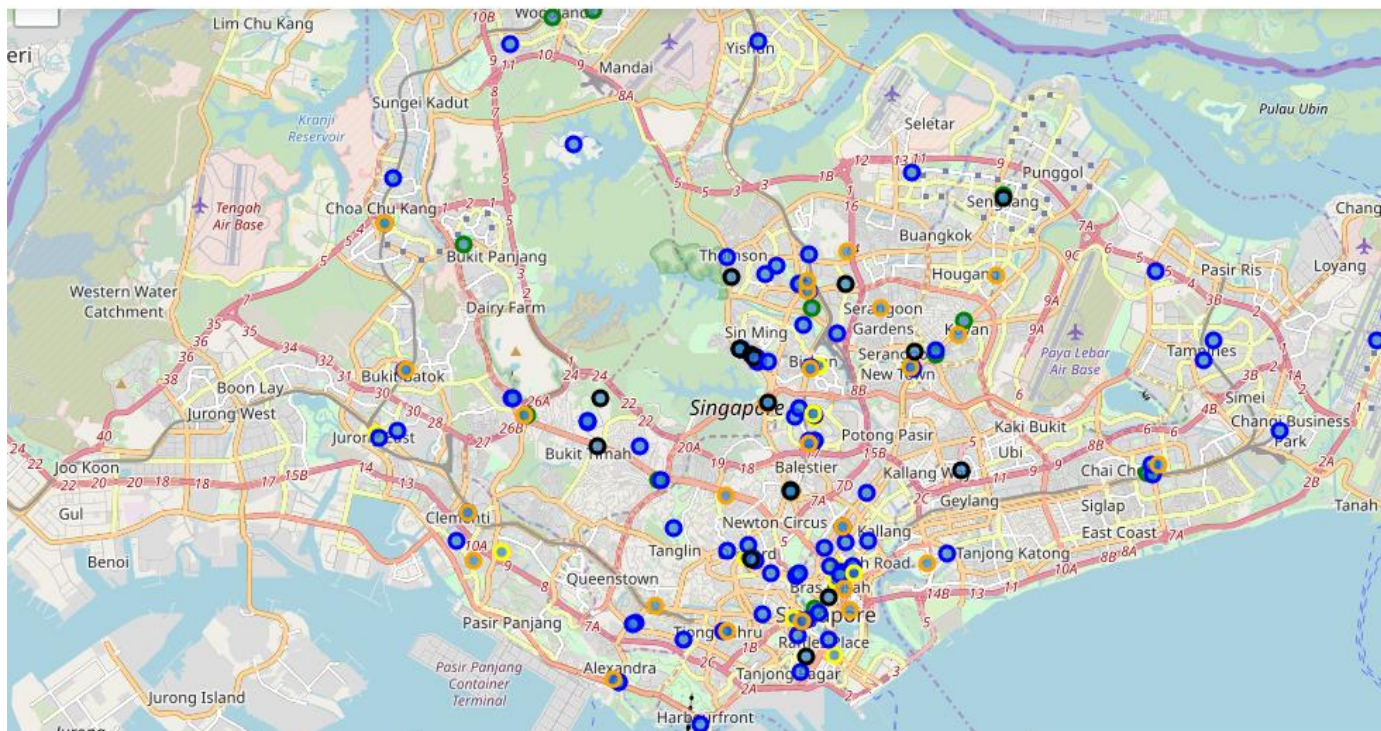## Map

Fast Food Restaurant- RED

Sandwich Place – Orange

Pizza Place –Green

Restaurant-Blue

Café-Black

Other-Yellow

Conclusion

Assuming increasing population in Singapore most and import place to open a restaurant is Postal district 12. Therefore best place to open a restaurant are Balestier, Toa Payoh, Serangoon. My best preference is Serangoon for open a restaurant.