

Coursera Capstone Project

The Battle of Neighborhoods

Rental prices comparison (Jurong West vs Manhattan)

IBM Data Science

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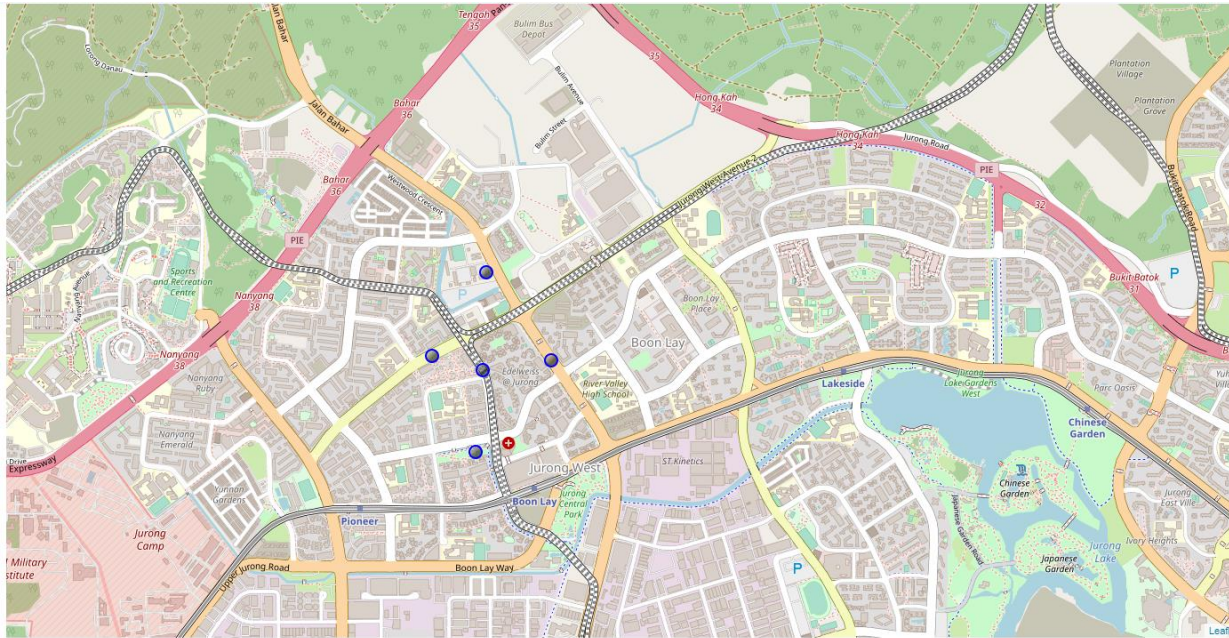
Price comparisons based on predefined criteria is valuable for migrant people

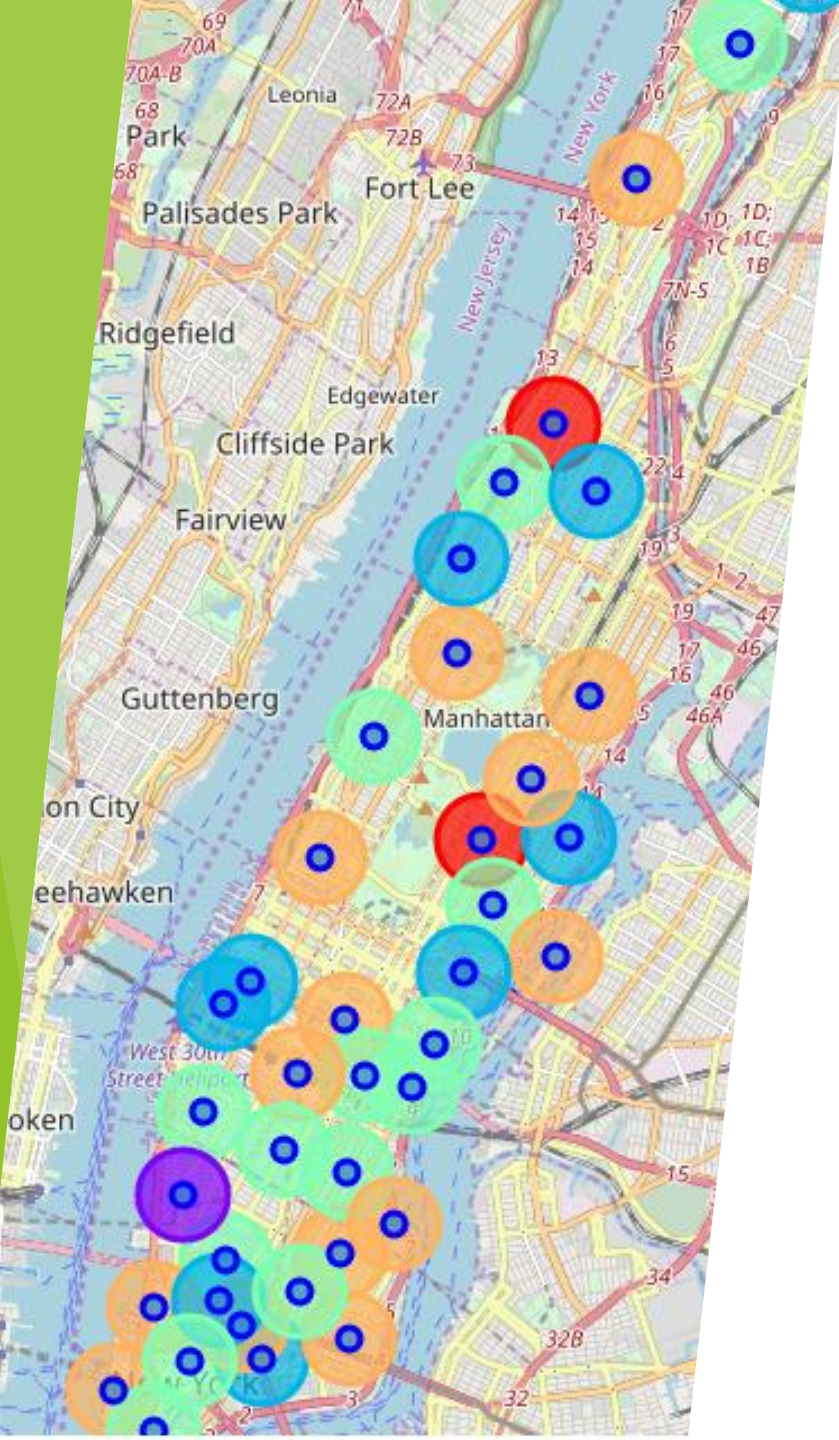
- Only having price indication without other information is a challenge for people to migrate to work in new location
- This kind of price comparisons will be appreciated by migrant people
- This also provides additional criteria to be considered

Data gathering, cleaning and application

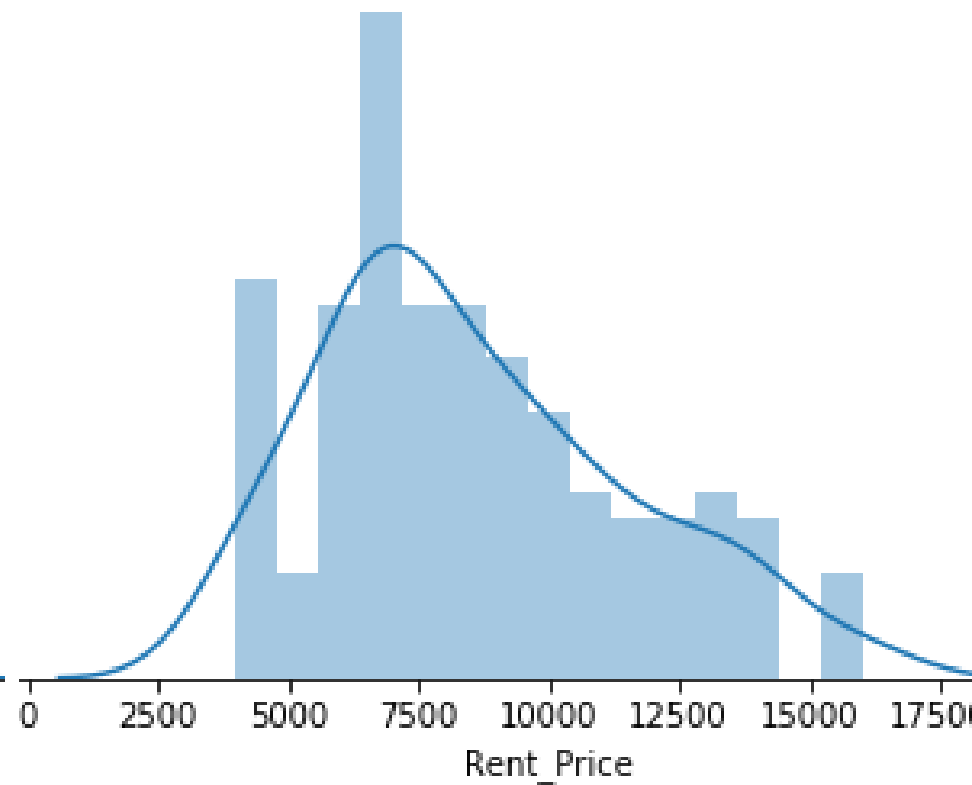
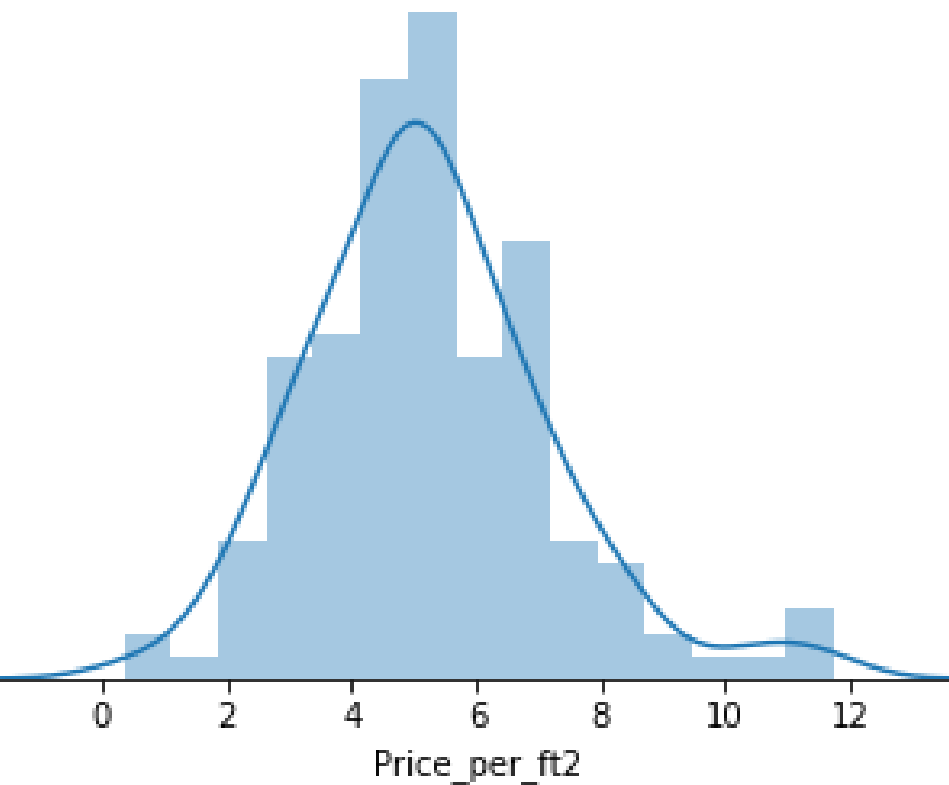
- List of Manhattan neighborhoods and subway stations information are gathered from Wikipedia and Google then cleaned.
- All required data are consolidated to reflect in one map.

Map of Singapore residence place with venues in Neighborhood - for reference





Map of
Manhattan
neighborhoods
with top 10
clustered venues



Manhattan apartment rent price statistics

Discussion and Conclusion

- Desired apartment is able to choose successfully
- However, some more criteria (e.g. cultural, race of neighborhoods, etc.) can be added to get more insightful information
- Same can be applied to food & beverages industry.