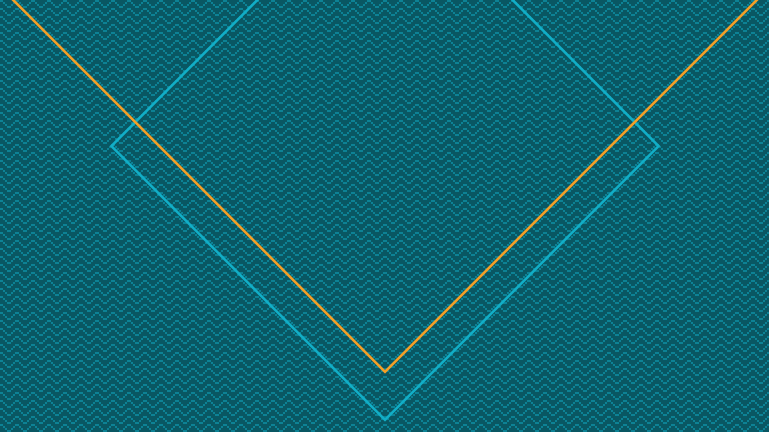




The Battle of Neighborhoods

Finding the Best Place to Start a New Restaurant
Business in San Francisco

ASISH ABEY BABU



A Food Company want to find the best place to start their business in San Francisco, which is suitable for the Indian restaurant. However, San Francisco has many Indian restaurants, so this company wants Data Scientist to find the Best location for their business which is near to famous attractions/locations and which will be profitable to the company.



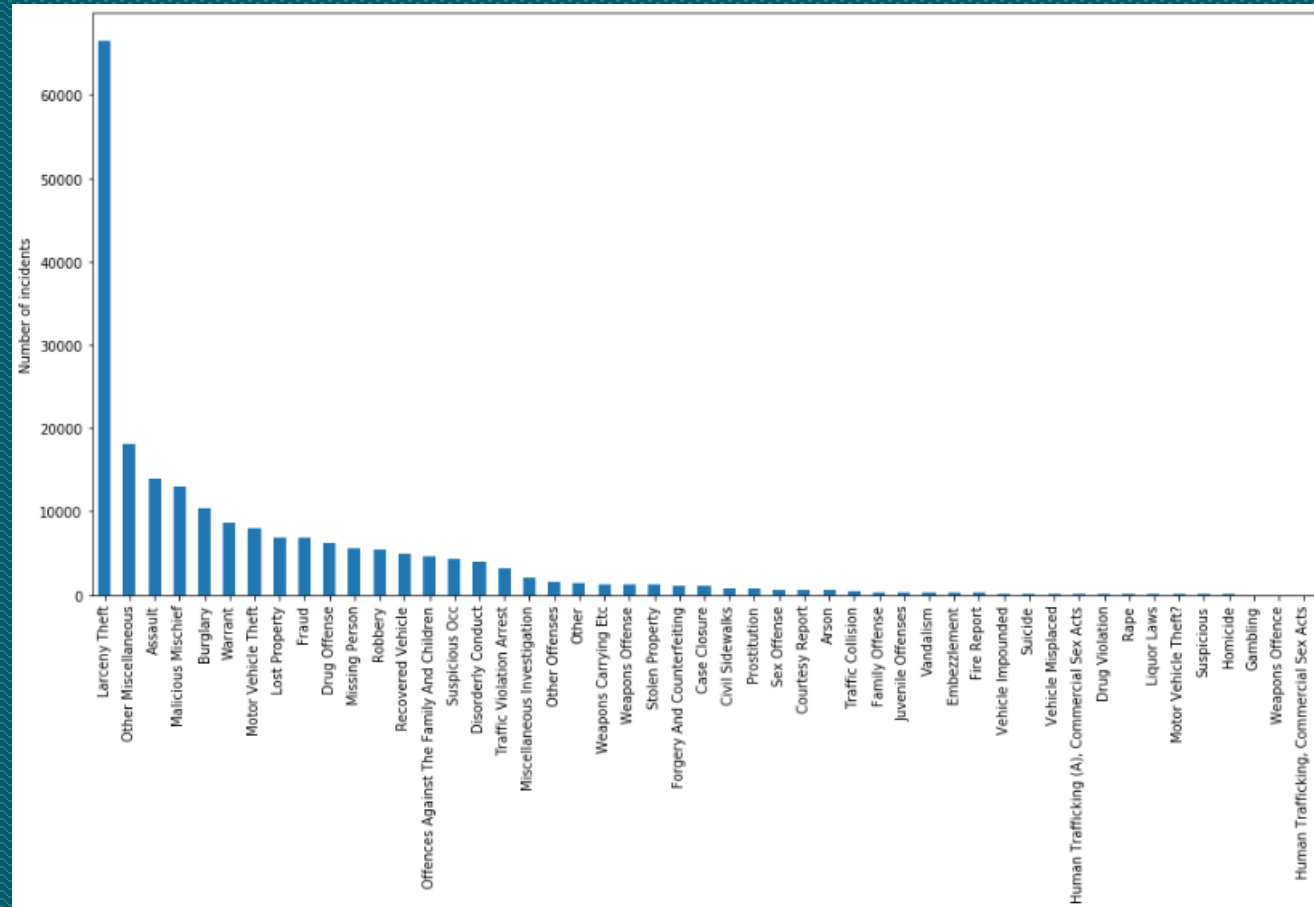
Data Acquisition And Cleaning

The database of the City and County of San Francisco's data (datasf.org) for the analyze. Database- Police Department Incident Reports: 2018 to Present and San Francisco Historical Secured Property Tax Rolls 2007–2015. Data downloaded or scraped from multiple sources were combined into one table. We remove columns that are not needed for this analysis. Normalize the Data to fit the process.

[Police Department Incident Reports: 2018 to Present](#)
[Secured Property Tax Rolls 2007–2015](#)

Exploratory Data Analysis

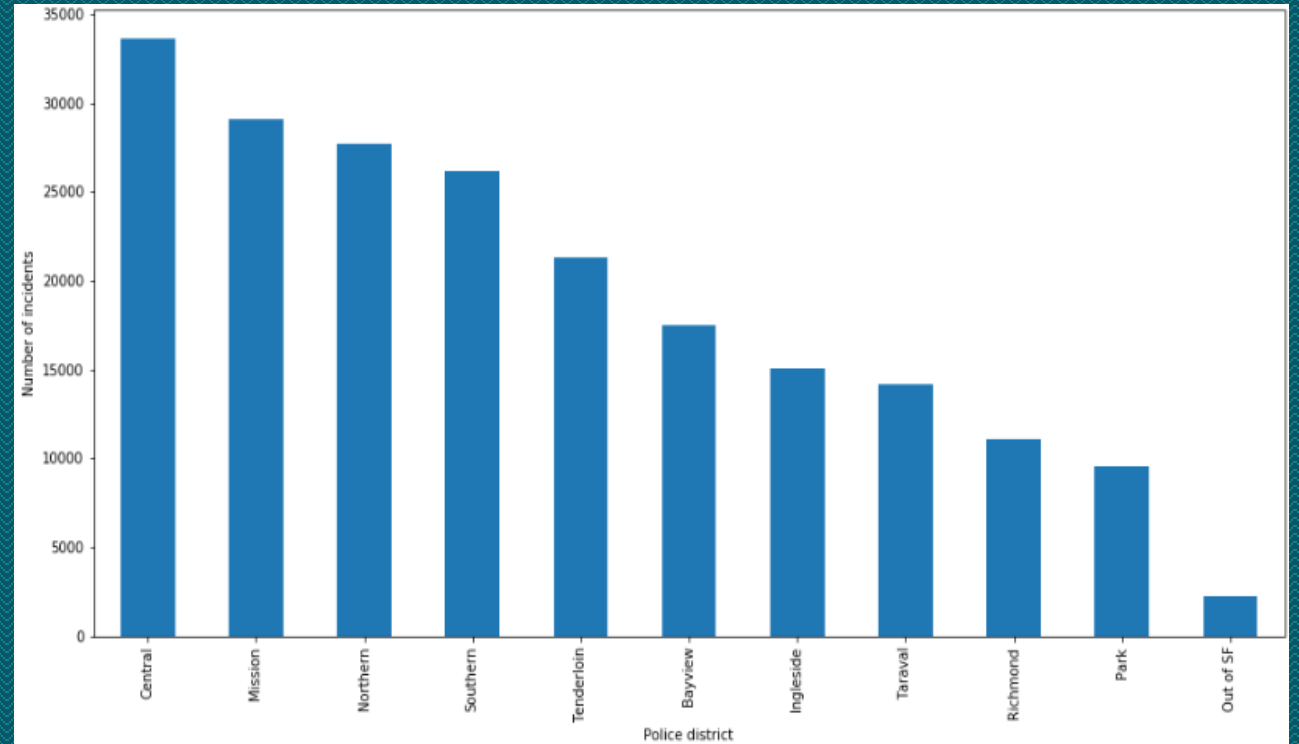
Crime distribution by category



Exploratory Data Analysis

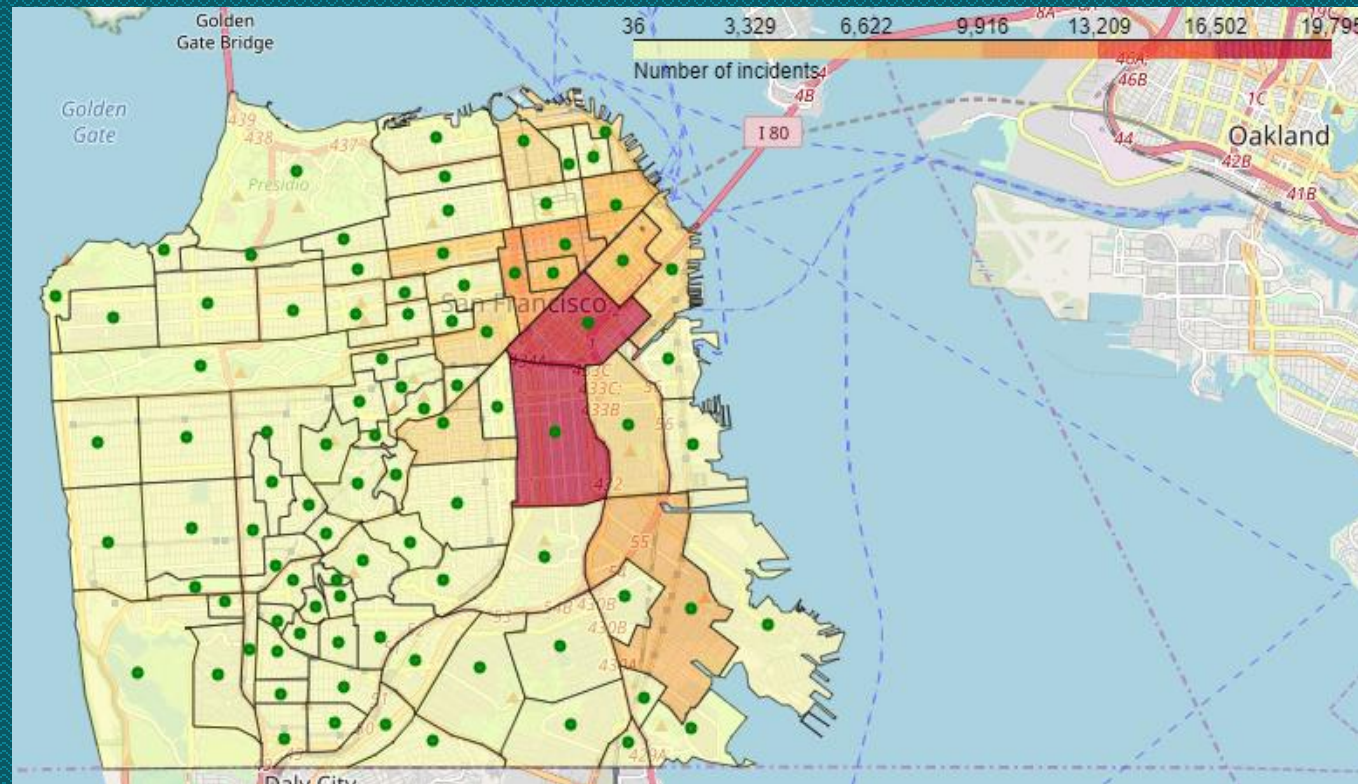
Crime distribution by Police District

Central, mission, northern, southern, and tenderloin districts combined to contribute the majority number of incidents to the report.



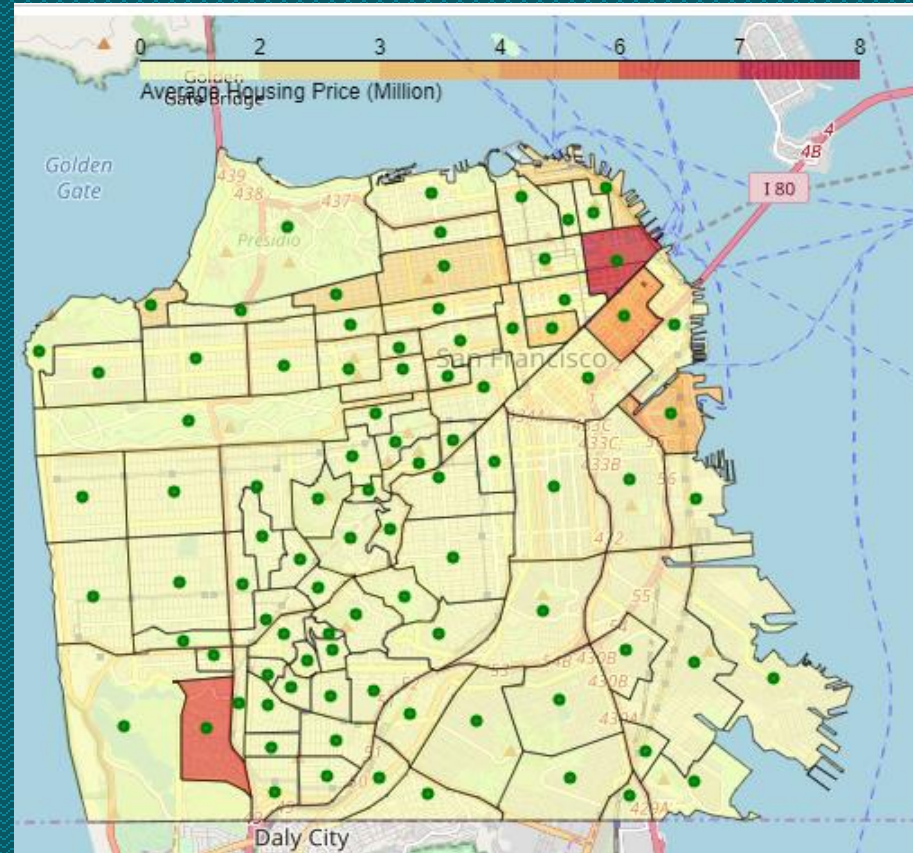
Exploratory Data Analysis

San Francisco's Crime Map And Locations.



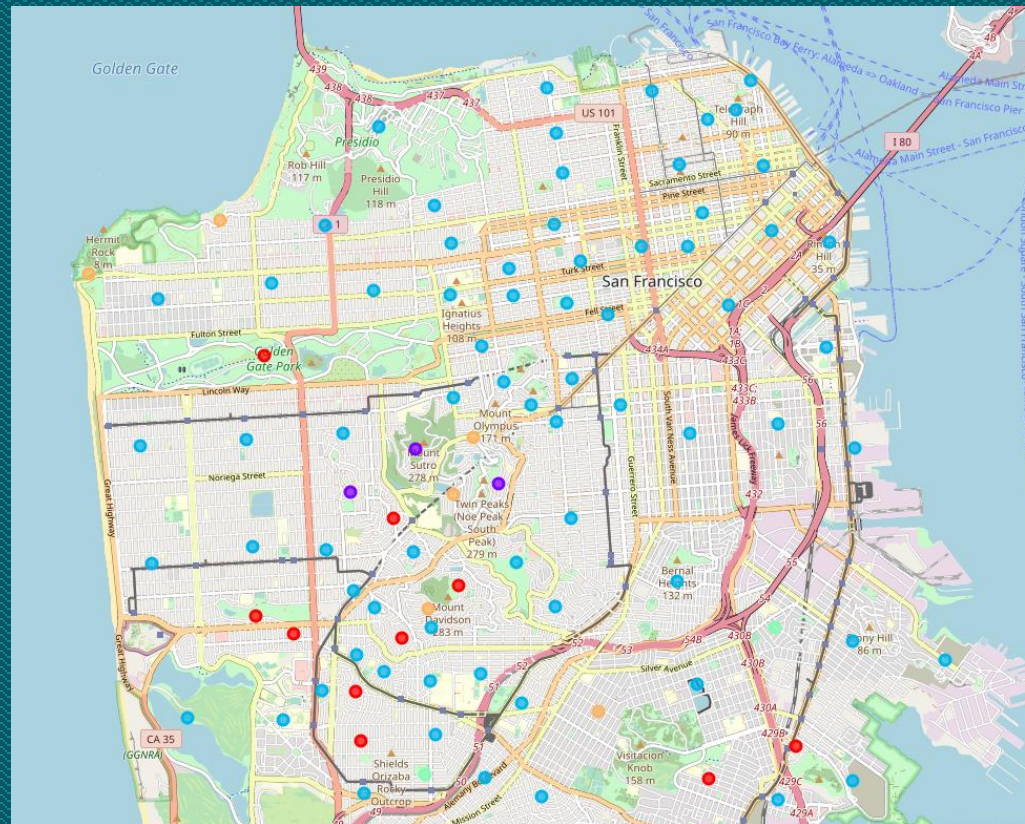
Exploratory Data Analysis

San Francisco's Property Price and Locations.



Exploratory Data Analysis

Cluster The Neighborhoods





Conclusion

- When we analyze both San Francisco's crime map and San Francisco's average property price map we can see that "Russian Hill" neighborhood is the best place to start a new restaurant business, which has low property rate and less crime report.
- And 8 Factors to start a restaurant business.
 - This place is visible to public Visibility, have Parking spaces, less Crime Rates, surrounded by businesses and competitor, easily access to the public, affordability to the company, and safety.



Thank You

ASISH ABEY BABU