



Robot Café L.A.

JULY 16, 2020 - JULY 26, 2020

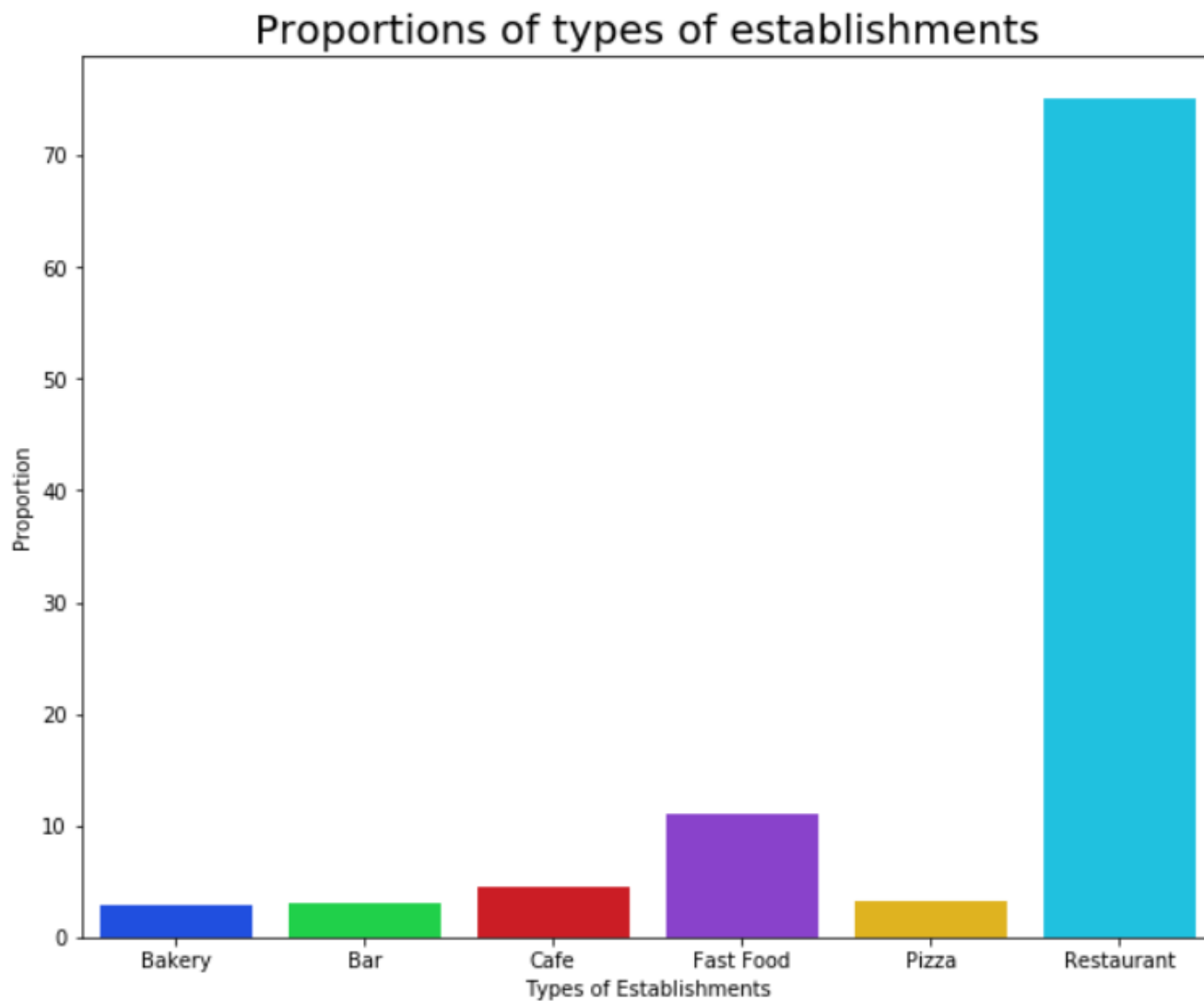
We are going to use Data Analysis to determine the optimal:

Location

Type of Establishment

Size by Number of Seats

Chain or Non-Chain Decision



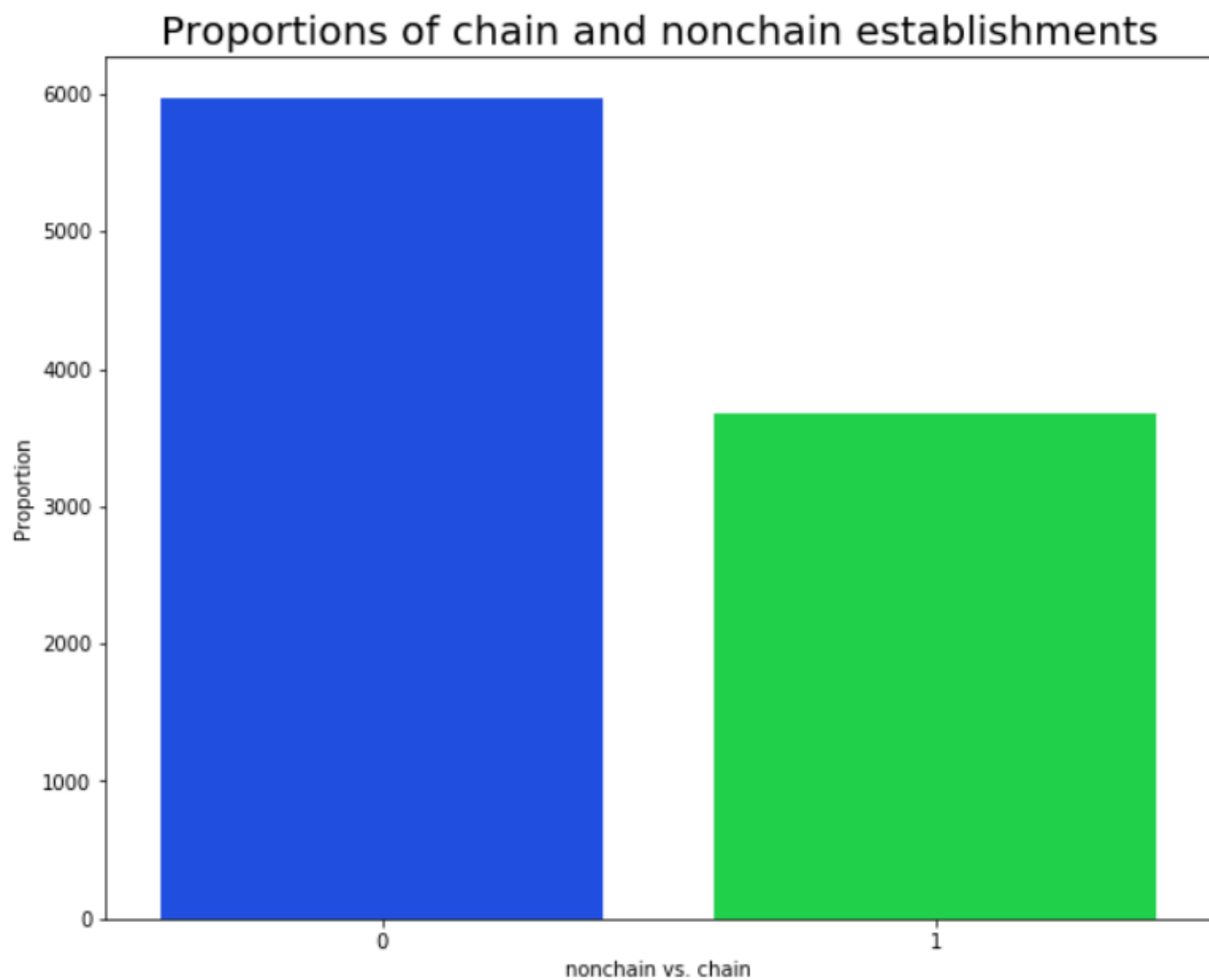
Proportions of types of establishments

Seventy-five percent of establishments are classified as Restaurant.

Fast Food accounts for 11% of dining choices.

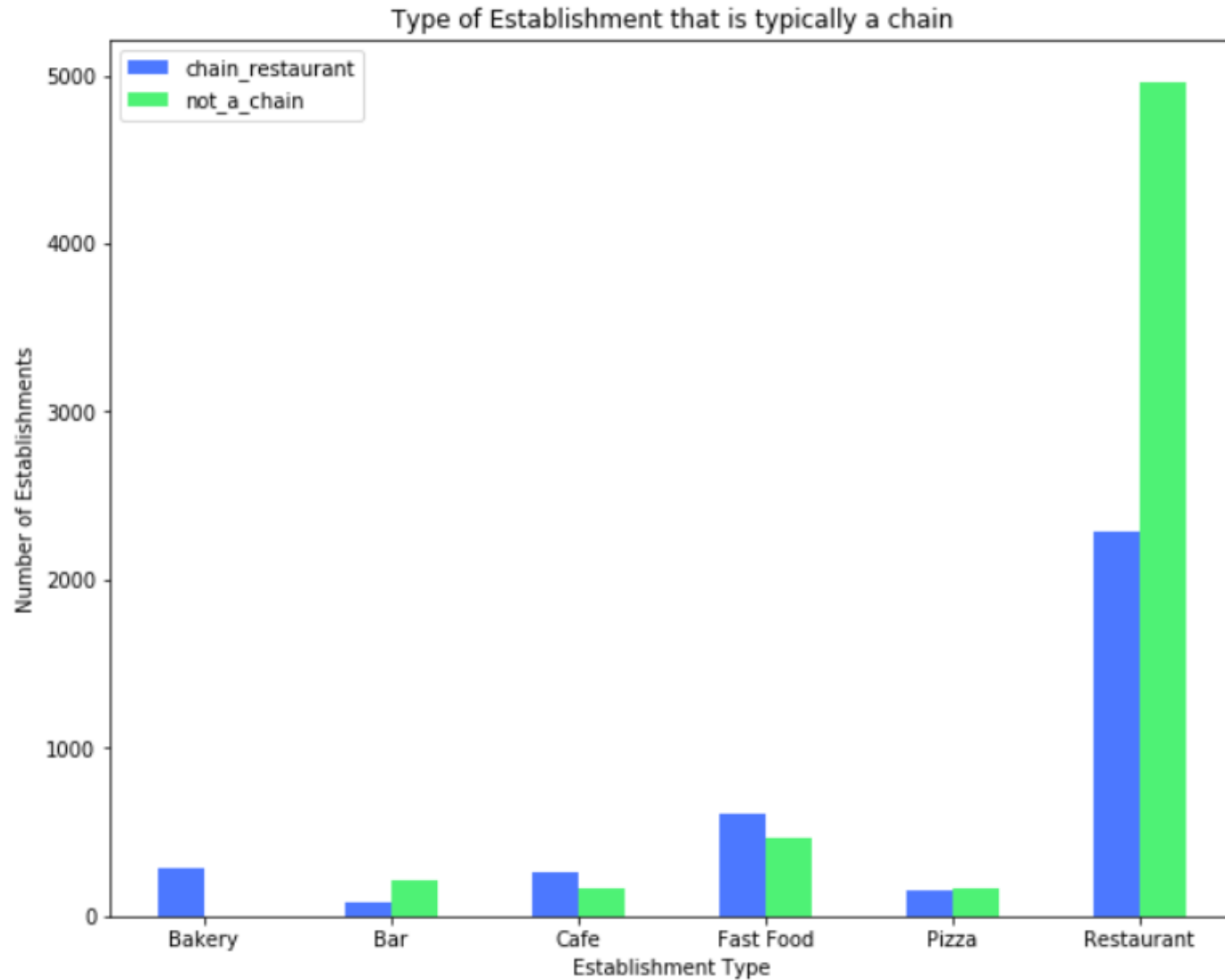
Cafe is 4.5%,

Pizza, Bar and Bakery are almost tied with 3% each.



Proportions of chain and nonchain establishments

There are 20% more nonchain establishments than there are chain.



Type of Establishment that is typically a chain

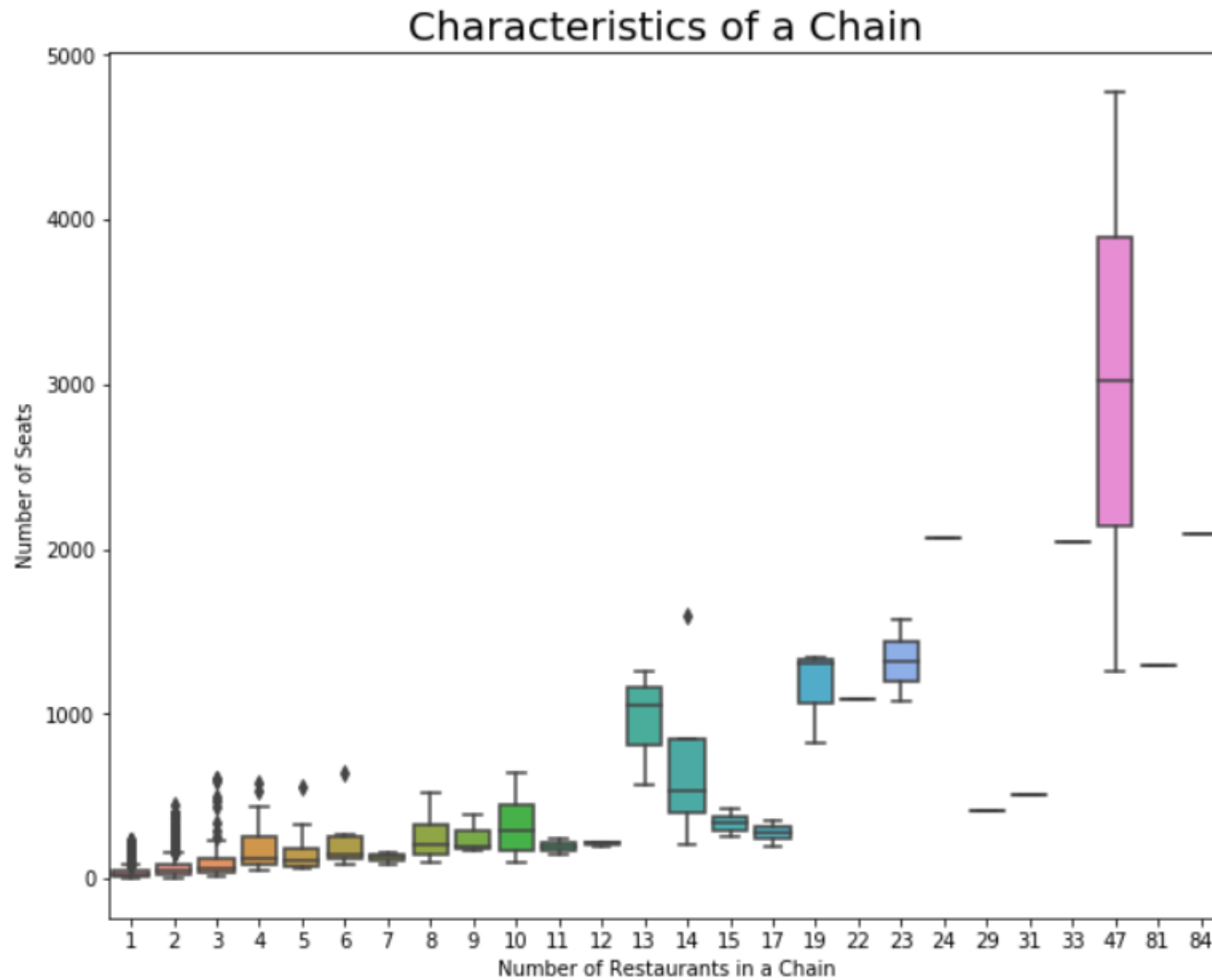
The categories Fast Food, Cafe and Bakery have more chains than nonchain locations.

Bar and Restaurant locations have more than twice as many nonchains.

Pizza is evenly split.

What characterizes chains:
many establishments with a
small number of seats or a
few establishments with a lot
of seats?

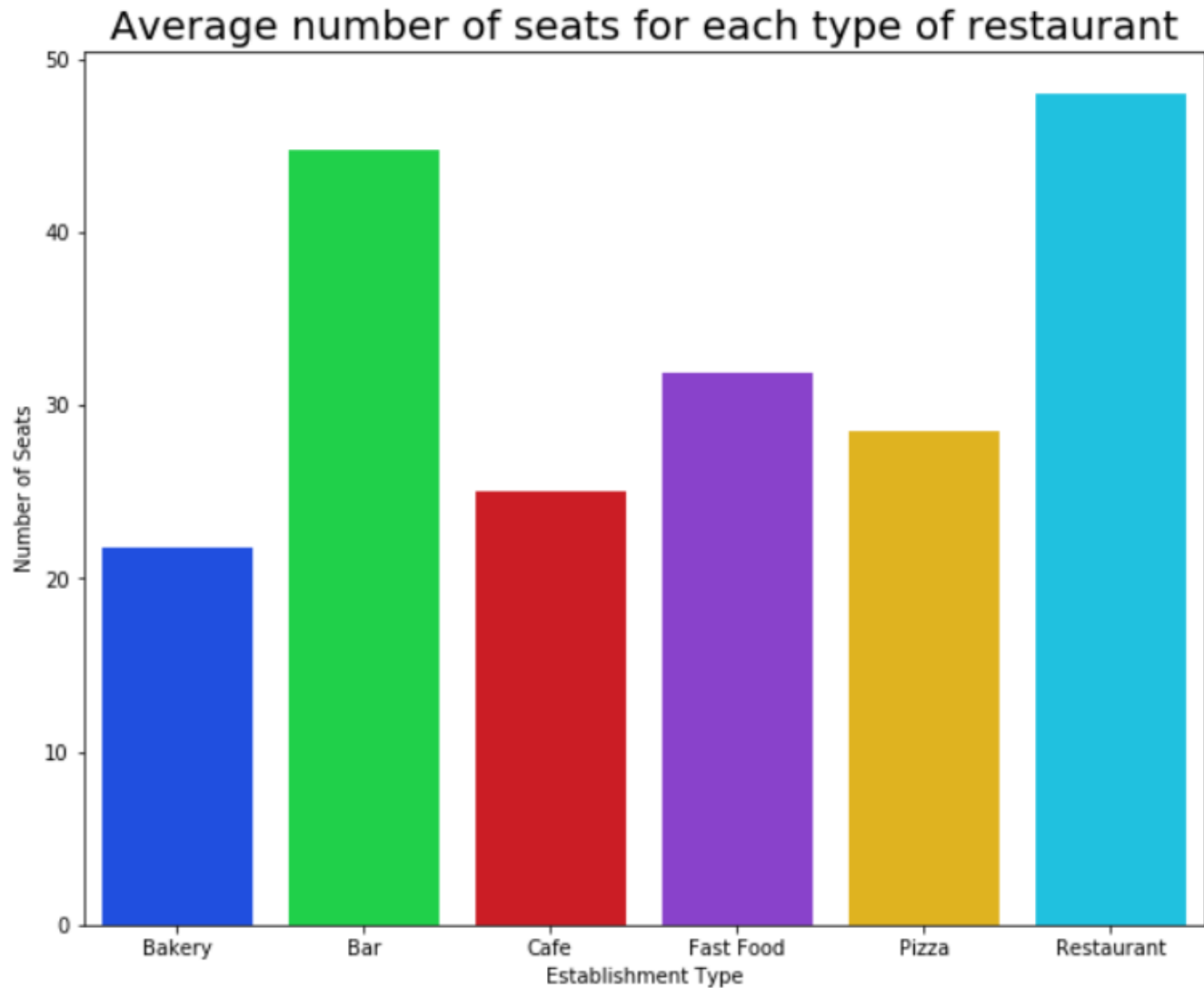




Few establishments with a high number of seats

Chains are characterized by "Few establishments with a high number of seats". This graph shows that the chains with the greatest number of locations are more like outliers/anomalies.

Restaurants with fewer than five locations contain the most seats.



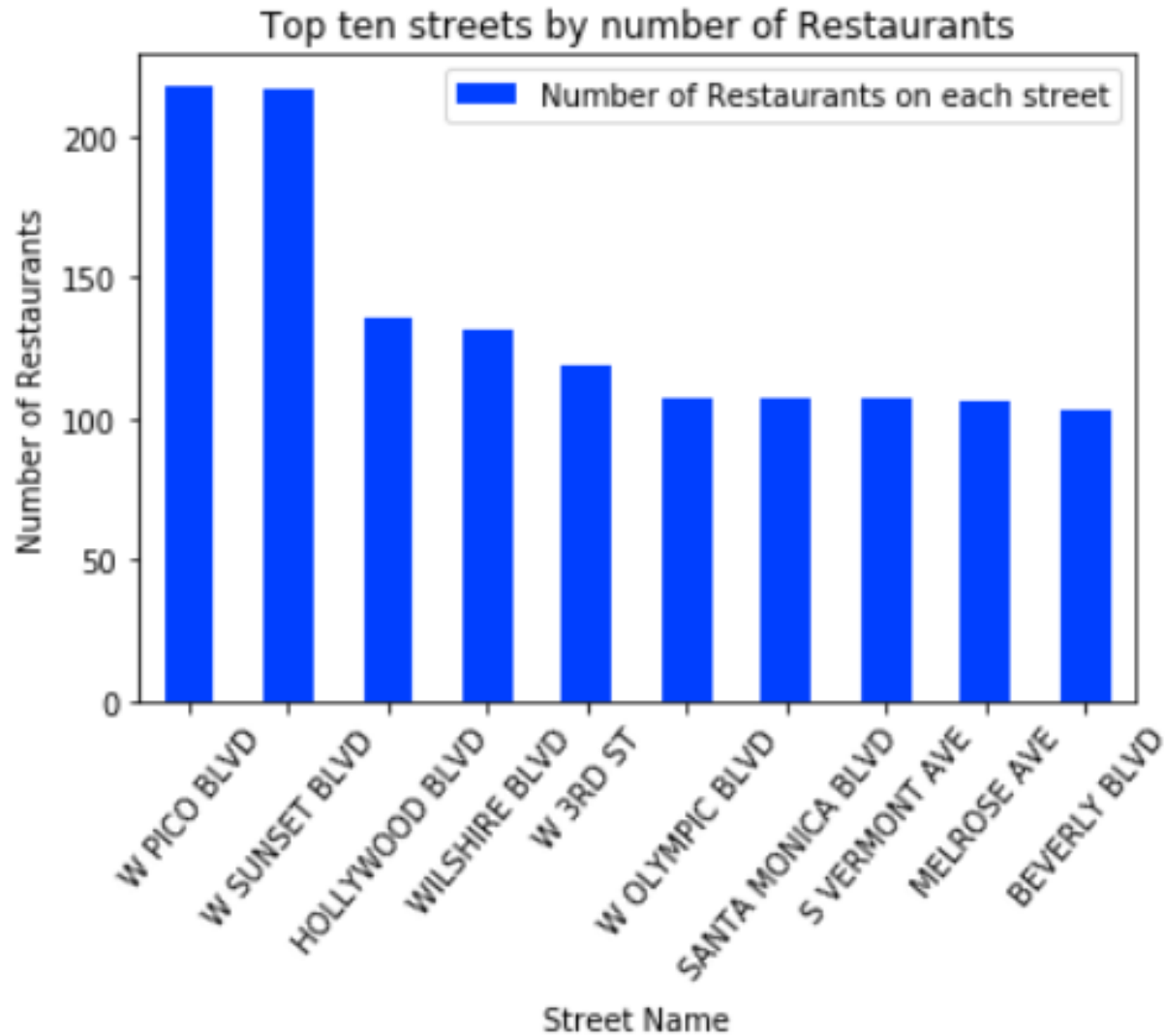
Average number of seats by Type

Restaurants have the most seats at 48%,

Bars are a close second with 44.7%.

Bakeries have the fewest average number of seats, but most bakery purchases are 'to go', so they don't need many seats.

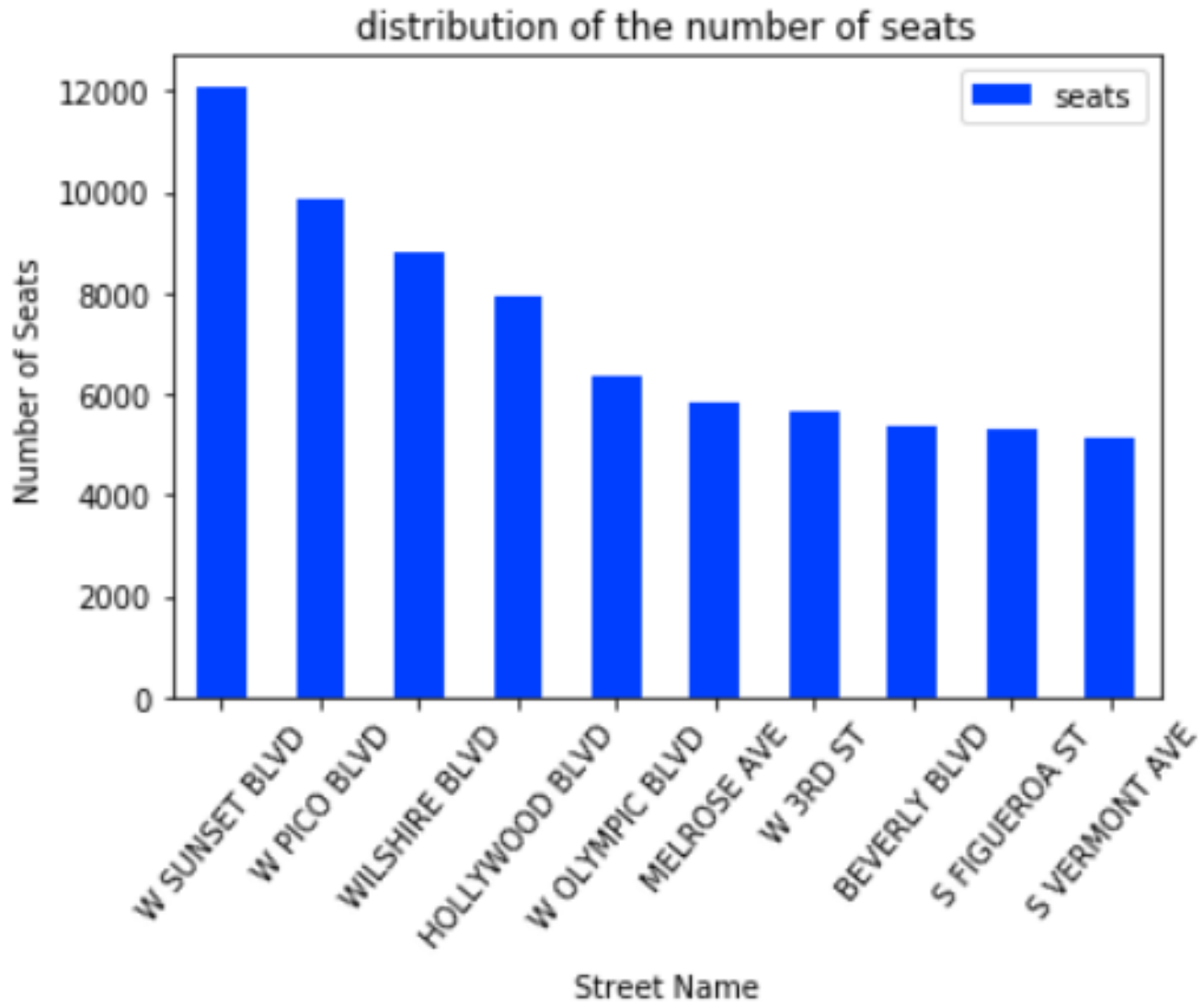
Number of Restaurants by Street



W Sunset and W Pico have the most restaurants.

Hollywood Blvd and Wilshire Blvd are the next most populated with restaurants.

The remaining streets have 100 locations each.



Number of Seats by Street

W Sunset and W Pico have the most seats as well as the most restaurants.

Hollywood Blvd and Wilshire Blvd are the next most populated with seats as well as restaurants.

One Restaurant on a Street

THERE ARE 1994
STREETS WITH ONLY
ONE RESTAURANT.

Summary

W Sunset and W Pico have the most seats as well as the most restaurants.

Competition might be high, but there would be a lot of foot traffic and people going to the W Sunset or W Pico areas to eat.

In my experience, if there is a long wait time for a restaurant, people start checking neighboring restaurants.

Additional Services & Software: rCafe©

FACIAL RECOGNITION

98% high recognition rate. It identifies faces in milliseconds. rCafe is an open source platform which lets you implement 3rd party resources for emotion detection, gender, age, etc.

BIG DATA ANALYSIS & MANAGEMENT

rCafe can offer an end-to-end value chain management service for data in terms of data acquisition, storage, and analysis.

rCafe makes the analysis process more intelligent, and companies can discover effective information from the massive data to obtain better business value.

CUSTOMIZED, CLOUD-BASED, INTELLIGENT HUMANOID SERVICE ROBOT

rCafe is a cloud-based intelligent humanoid robot that provides a new generation with service applications for a variety of industries and domestic environments.

Contact Us

Looking to open a coffee shop with us?

Have any inquiries on the Robot Café? Please contact us.

1-415-555-1212

Customer_success@robotcafe.com

Sources

Cafe | Definition of Cafe at Dictionary.com

<https://www.dictionary.com/browse/cafe>

A restaurant, often with an enclosed or outdoor section extending onto the sidewalk. a restaurant, usually small and unpretentious. a barroom, cabaret, or nightclub.

Additional Services & Software

<https://www.robotcafe.co/>

Recommendations



Location: W Sunset and W Pico have the most seats as well as the most restaurants. Competition might be high, but there would be a lot of foot traffic and people going to the W Sunset or W Pico areas to eat. In my experience, if there is a long wait time for a restaurant, people start checking neighboring restaurants, so being in a more restaurant-dense area is recommended.



The type should be Restaurant with the following features: an enclosed outdoor section extending onto the sidewalk or an enclosed patio in back. The average number of seats in a Restaurant or Bar is 50. I think we should start with 50 seats in a combination of 30 inside and 20 outside. This is Los Angeles and the weather is warm most of the year.



I recommend expanding this robot-run restaurant beyond just the restaurant itself. Because we can gather a lot of data on every customer interaction, we will offer additional services and software. The additional services can be sold to a variety of industries, creating a robustness for this portfolio. This should be developed as a chain, not limiting the idea to restaurants.