TRIPLETEN PROJECT SPRINT 9

DATA STORYTELLING

Project Description

Visualizing the data on restaurants in Los Angeles to gain insight on establishment type proportion, what characterizes chains, average number of seats pattern, and distribution of establishment across Los Angeles street.

Insights

What have we gain from this project?

The Most Popular

- We found that the most popular types of establishment in Los Angeles are Restaurant, followed by fast-food joint and Cafes.
- We also found that the average number of seats in Los Angeles restaurants is 48.

Street Pattern

- The majority of streets have one to five food places, but some streets have more than 30 establishments.
- We also found that there is a positive correlation between the number of restaurants on a street and the average number of seats in those restaurants.

In conclusion

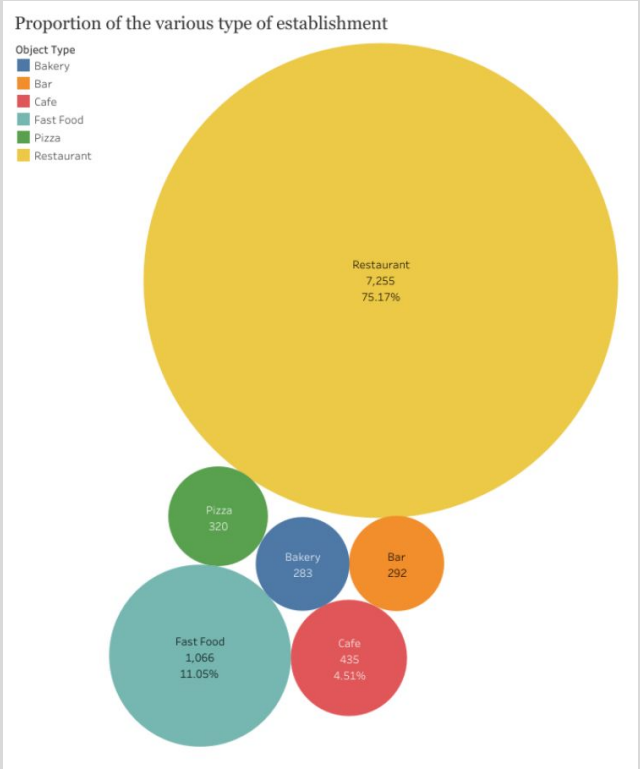
Overview of df_rest_data dataframe:

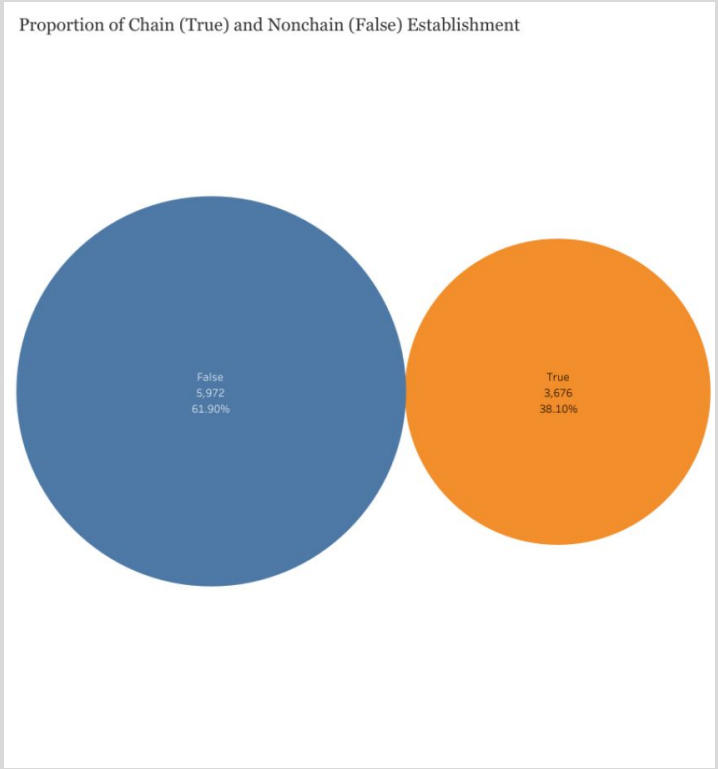
- The dataframe consists of six columns: id, object_name, address, chain, object_type, and number. All columns have 9651 rows, except chain which has 9648. The columns id and number are of type int64, while the columns object_name, address, chain, object_type are of type object respectively. The columns object_name and object_type names were changed to obj_name and obj_type respectively. No duplicate data exists, and no missing data.

This project provides insights into the restaurant scene in Los Angeles. These insights can be used by restaurant owners and investors to make informed decisions about opening new restaurants or investing in existing ones. The analysis can also be used by local government to regulate the number and types of restaurants on a particular street or in a certain area.

Data Analysis

Details of this project



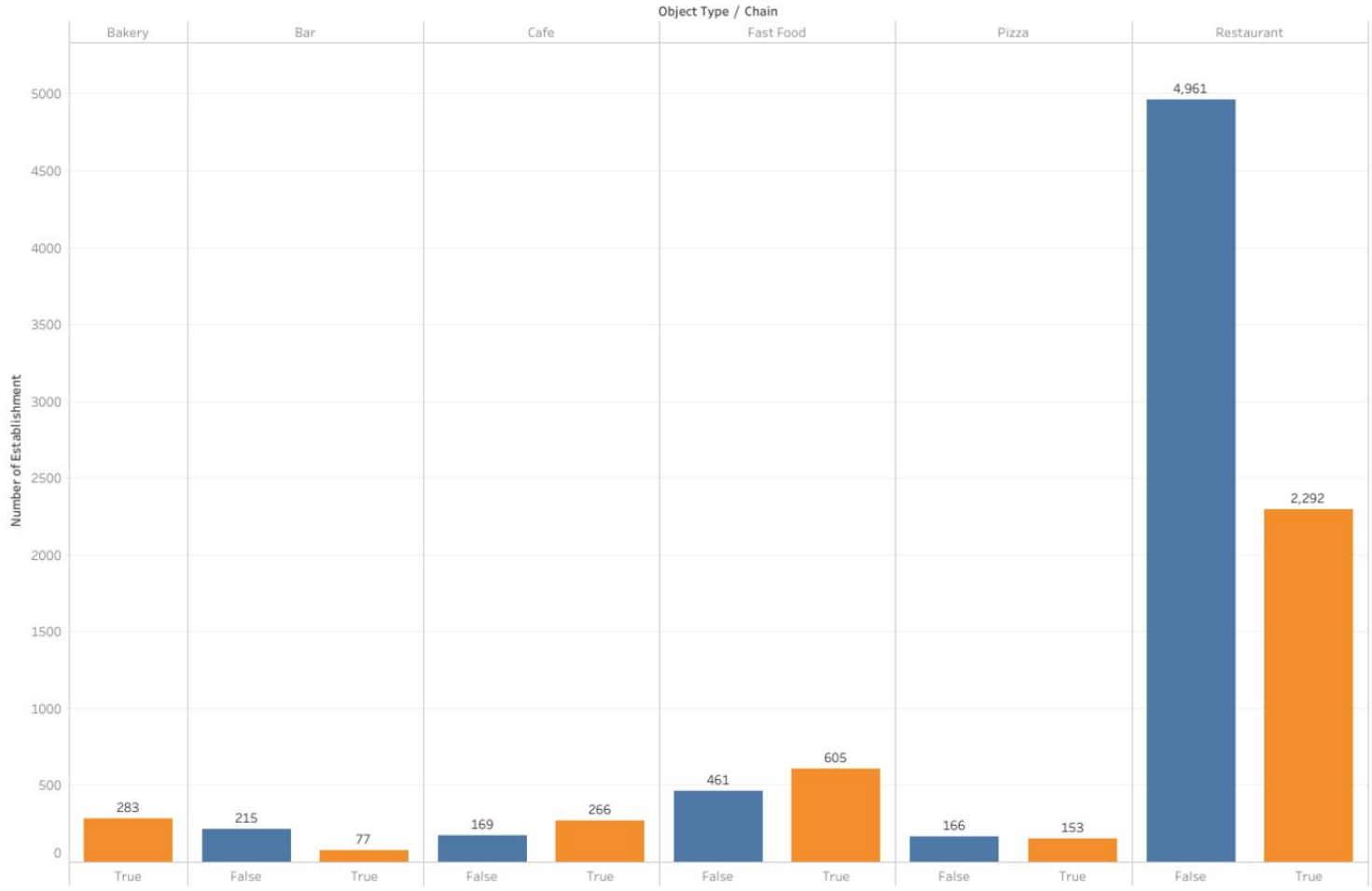


Number of each establishment type for chain vs nonchain

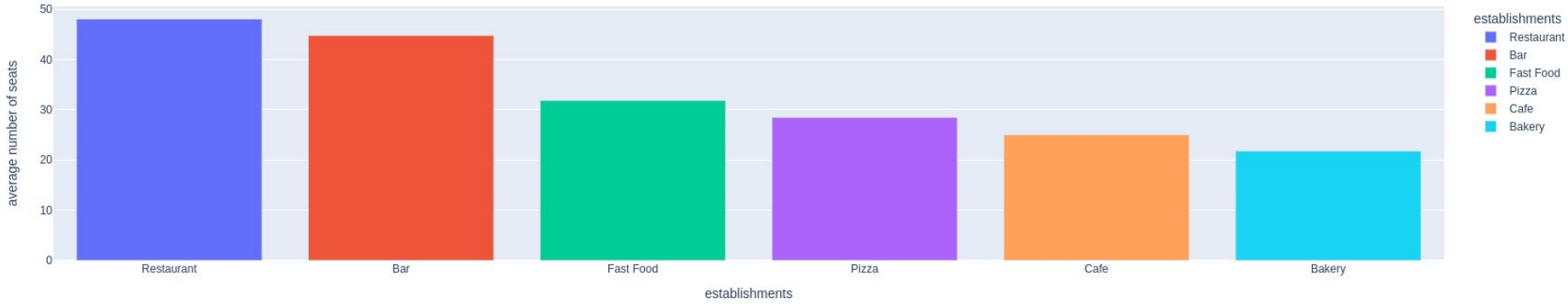
Object Type	Chain: False	Chain: True
Bakery		283
Bar	215	77
Cafe	169	266
Fast Food	461	605
Pizza	166	153
Restaurant	4,961	2,292

Chain
False
True

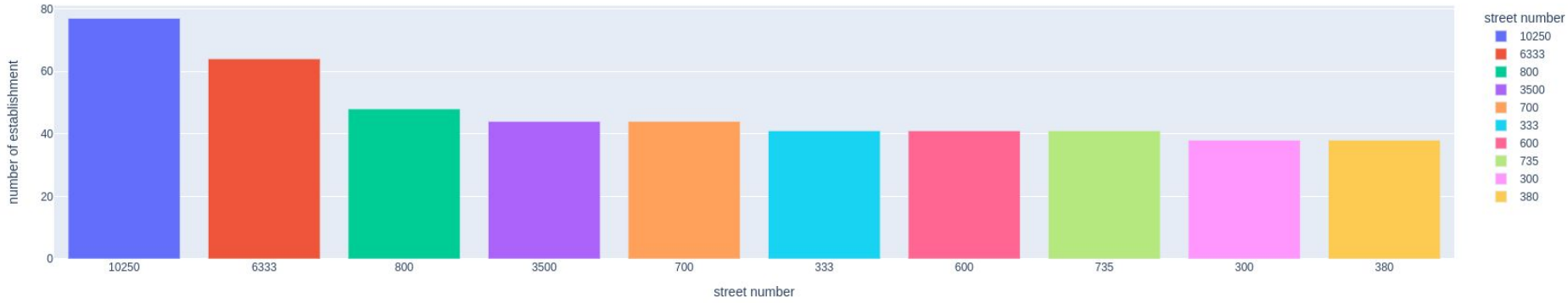
Comparison of each establishment type for chain vs nonchain



Average seats for each establishment type



Top 10 Streets by the number of establishment



THANK YOU