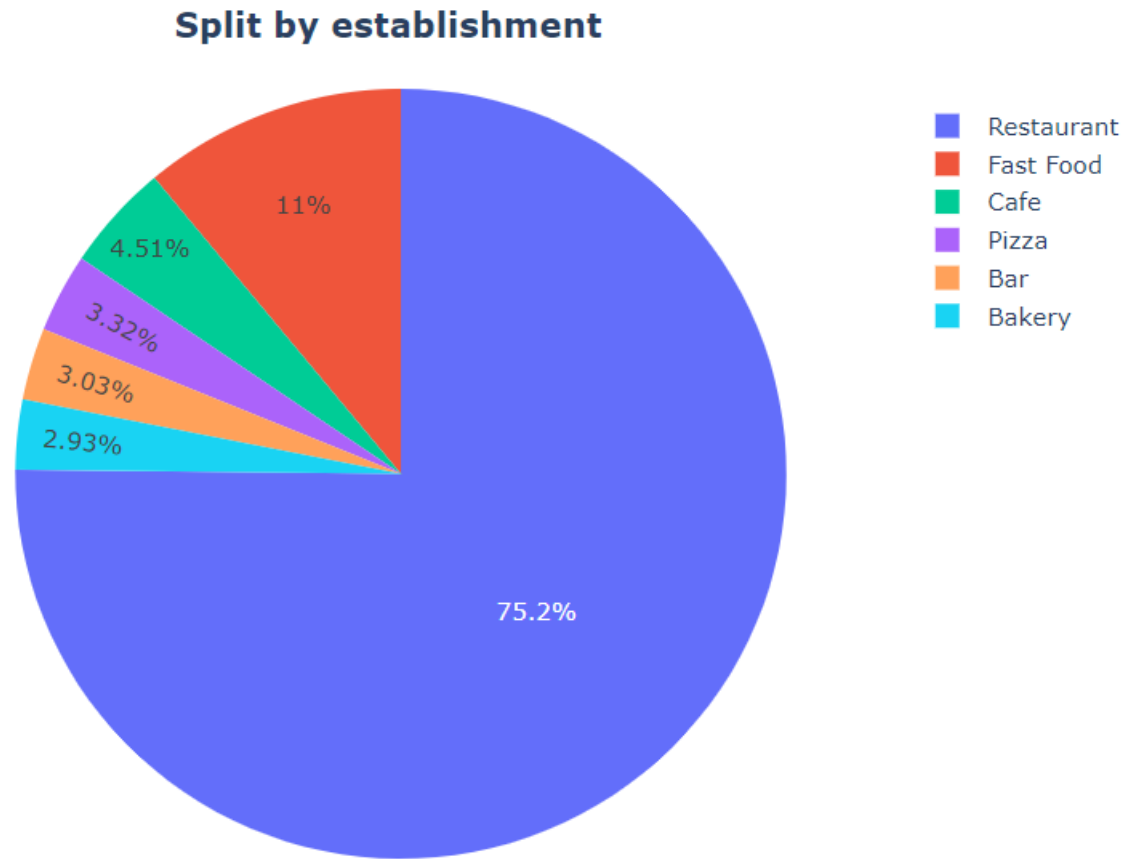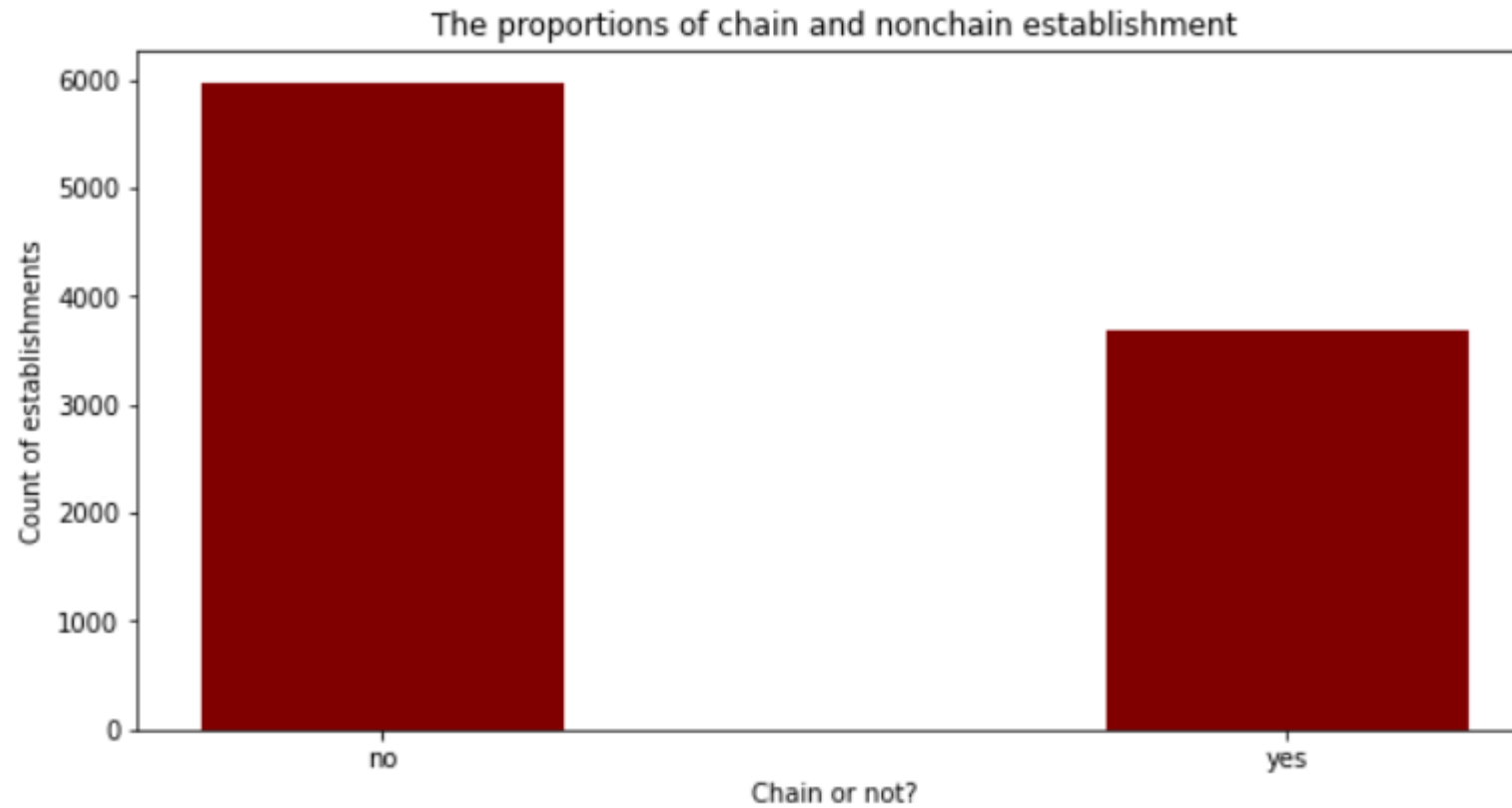# Market research

- A brief overview of the restaurants in Los Angeles
- The data was taken from open sources.
- With the help of Python
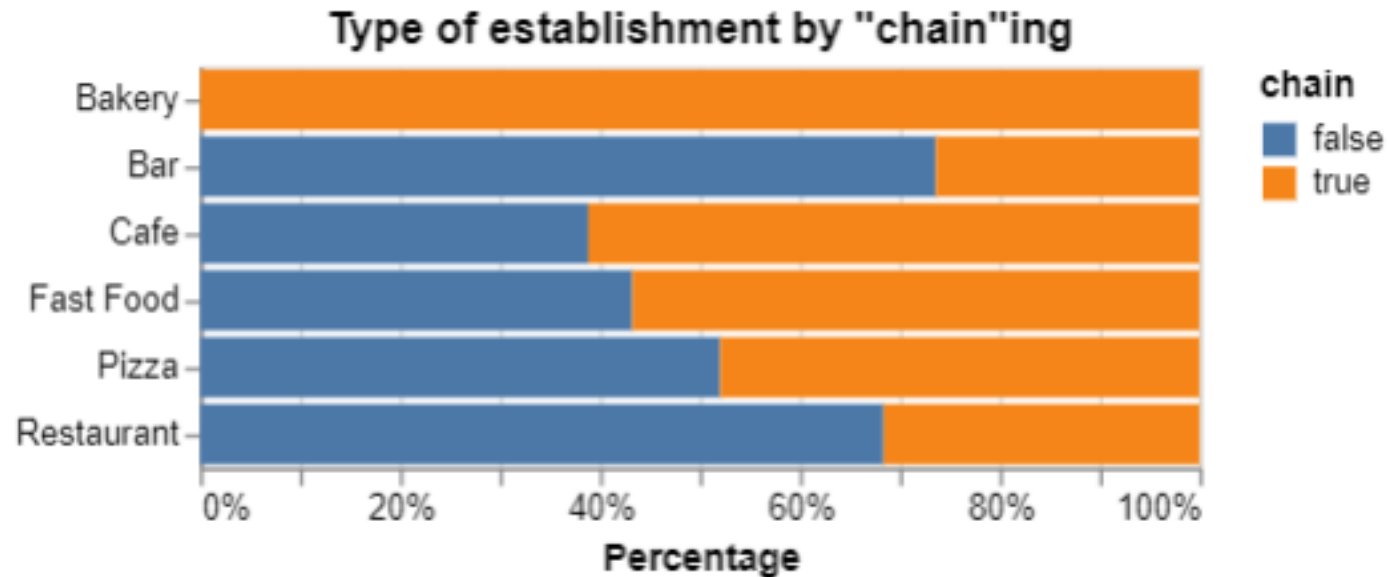
3/4 of objects are restaurants. Fast food takes 2nd place.

Split by establishment

The amount of nonchain establishments prevails over the amount of chain establishments
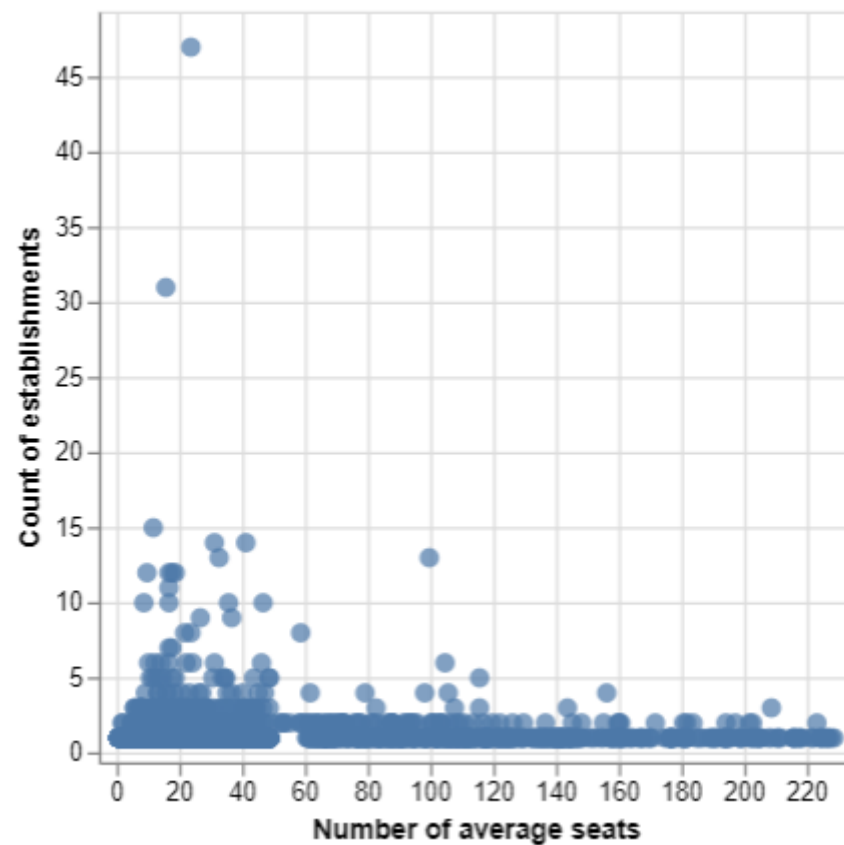
All bakeries are chain establishments, other have proportions.
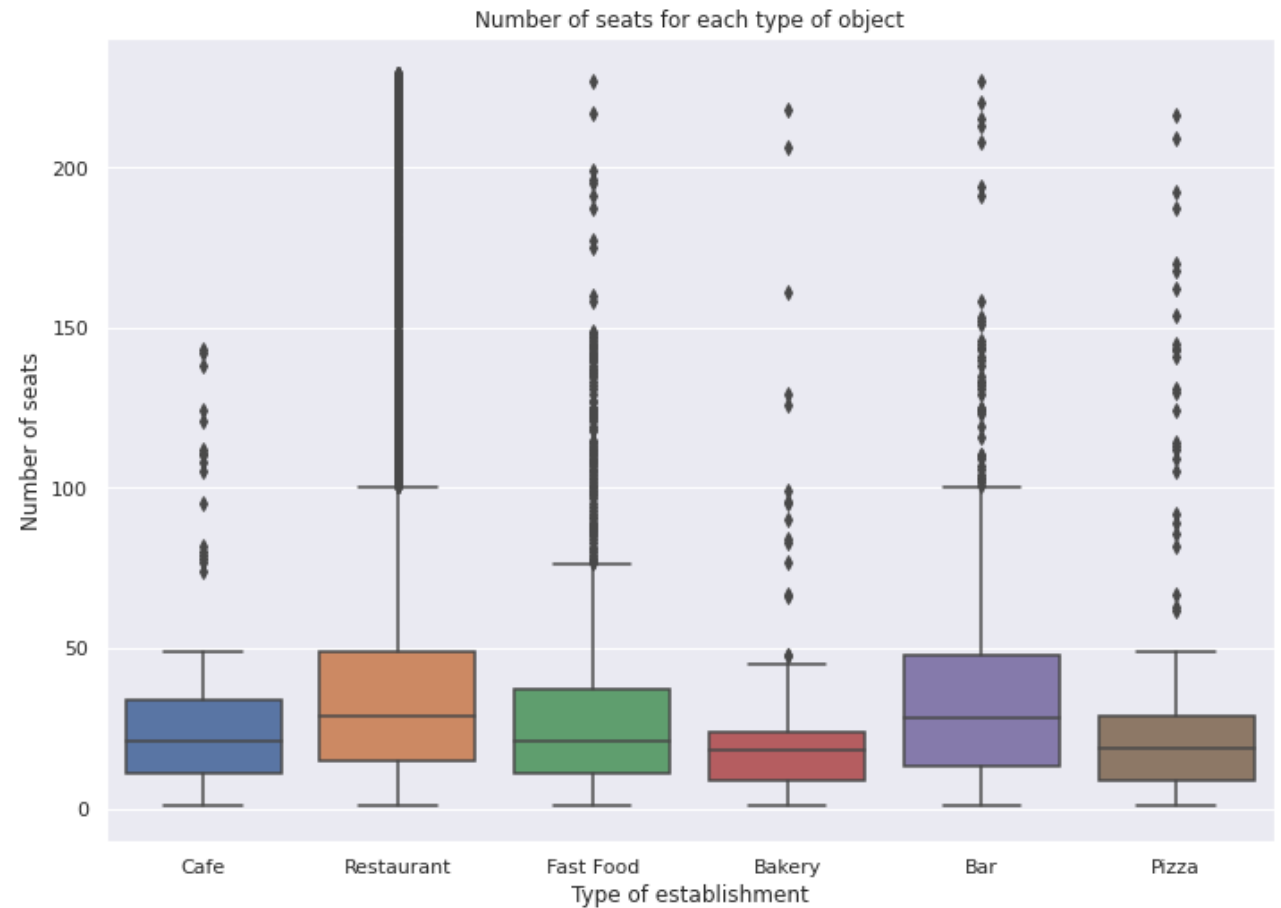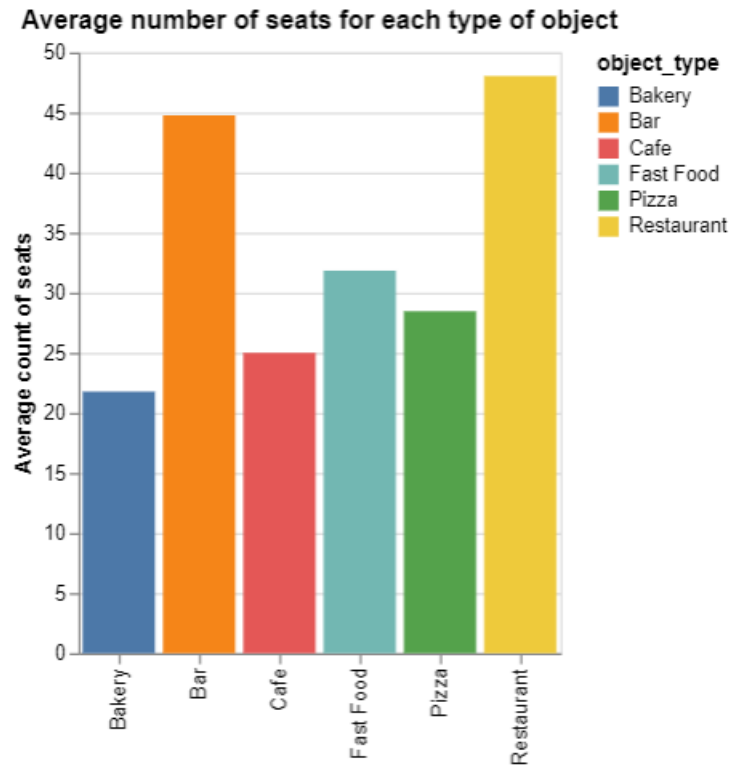For Cafe we see chain type prevails, for restaurants vice versa.

From this graph, we can conclude that there is no correlation between the number of seats and the number of establishments in the chains.
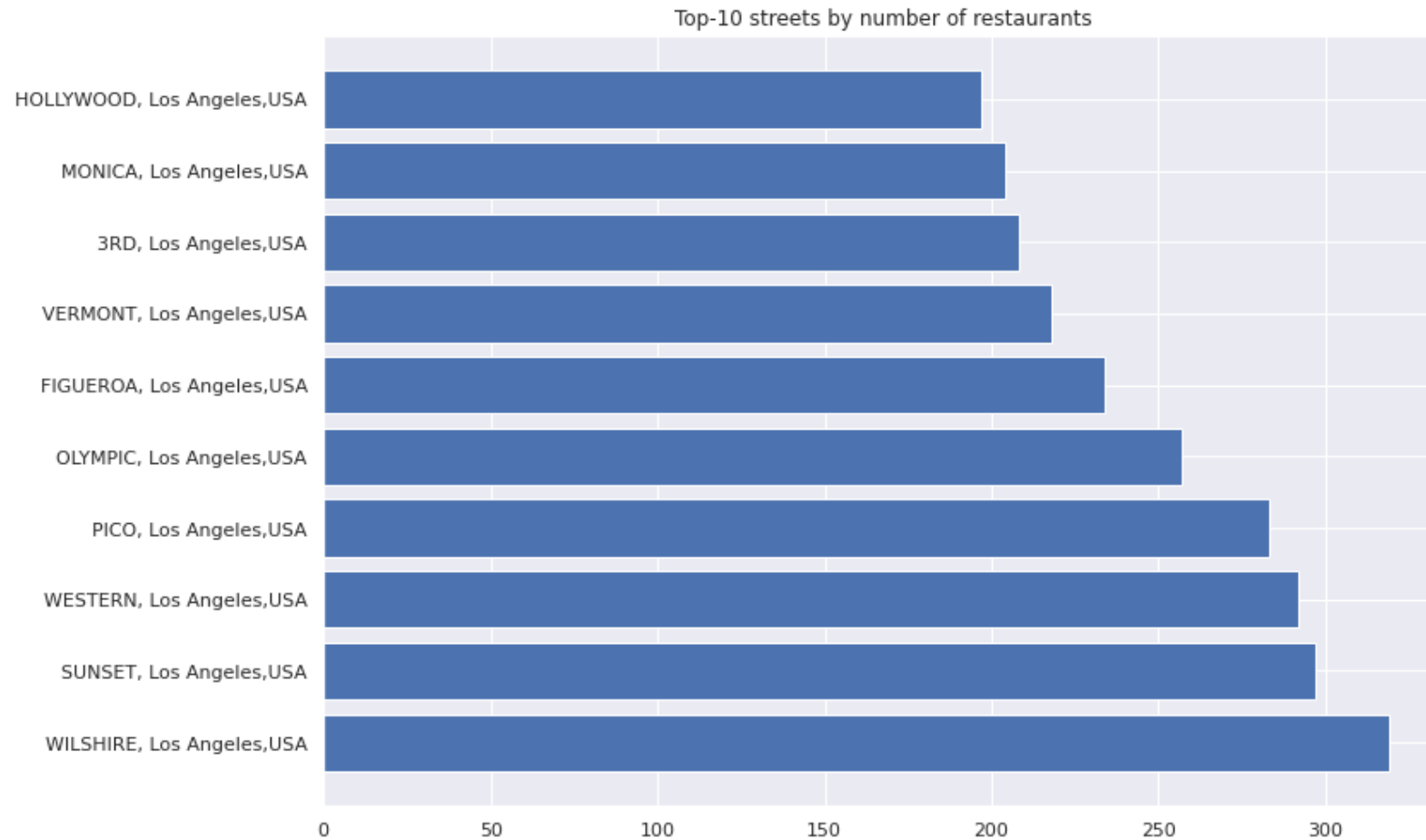
Average number of seats and count of establishments for chains only

Bars and restaurants have the highest average seating capacity. Smallest number of seats in bakeries

Average number of seats for each type of object

Number of seats for each type of object
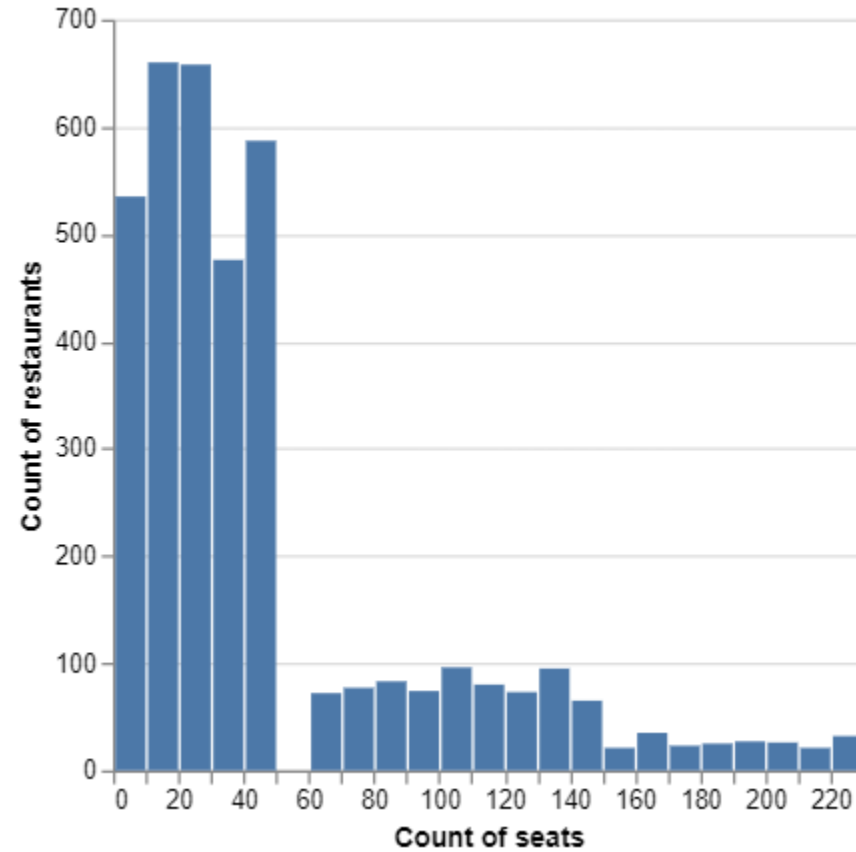
Here we see top-10 streets by number of restaurants
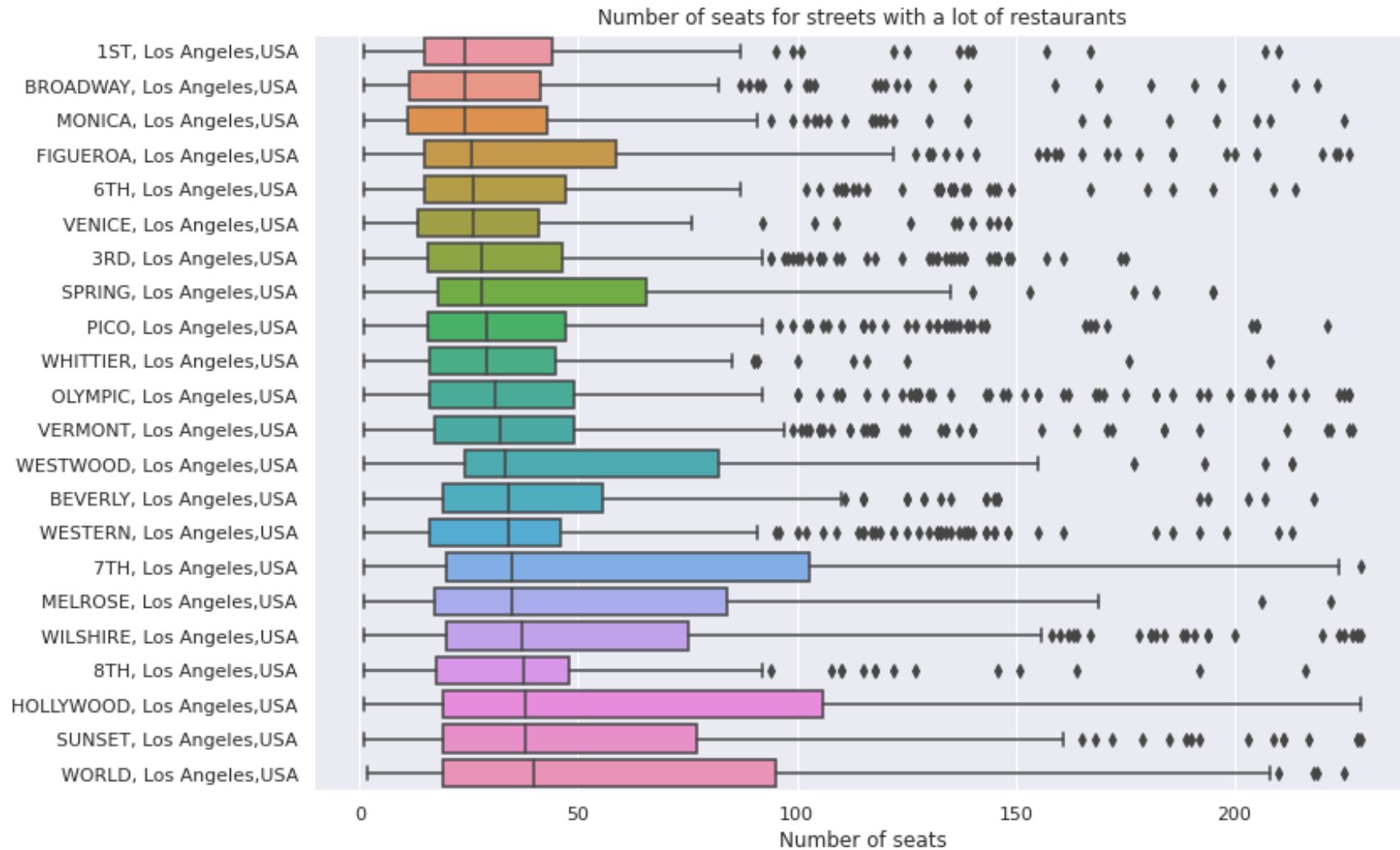

Top-10 streets by number of restaurants

Most restaurants have less than 50 seats. So the graph is skewed to the right

Distribution of the number of seats for streets with a lot of restaurants

Here we see number of seats in restaurants on most popular streets
(streets with the most count of restaurant on it)

Number of seats for streets with a lot of restaurants

Conclusions

- Restaurant is the most popular type of establishments (75.2%).
- Count of non-chain establishments are dominated
- We haven't correlation between number of seats and count of establishments in chain
- Average number of seats for restaurant the greatest comparing with other establishments (no surprise)
- We have now graph with Top-10 streets by count of restaurants. But most of streets in LA have only 1 restaurant (80% of streets)
- Most restaurants have less than 50 seats

Recommendation

- To look for the cheapest rental on the most popular streets
- The number of seats is up to 50