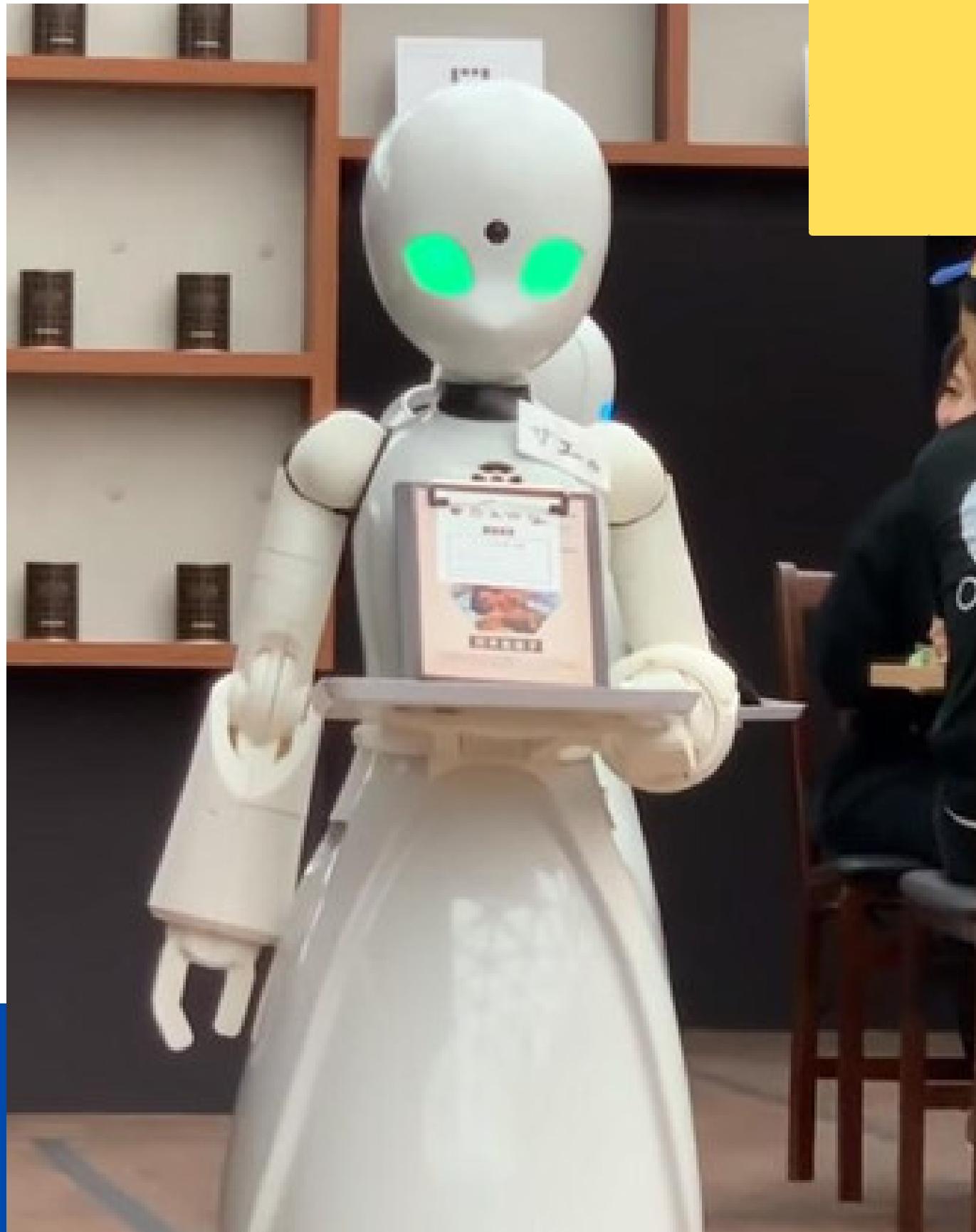




# ROBOT•RUN

*cafe*

BY LANA DASHEVSKY



**IN THE FUTURE  
TECHNOLOGY IS  
DEVELOPING VERY  
FAST AND  
YOU CAN BE  
THE FIRST!**

## **Small robot-run cafe in Los Angeles**

We decided to open a small cafe in Los Angeles, controlled by robots.

We would like to present an analysis of open data on all establishment in Los Angeles and give our recommendations for investors.



# THE AMOUNT OF THE VARIOUS TYPES OF ESTABLISHMENTS.

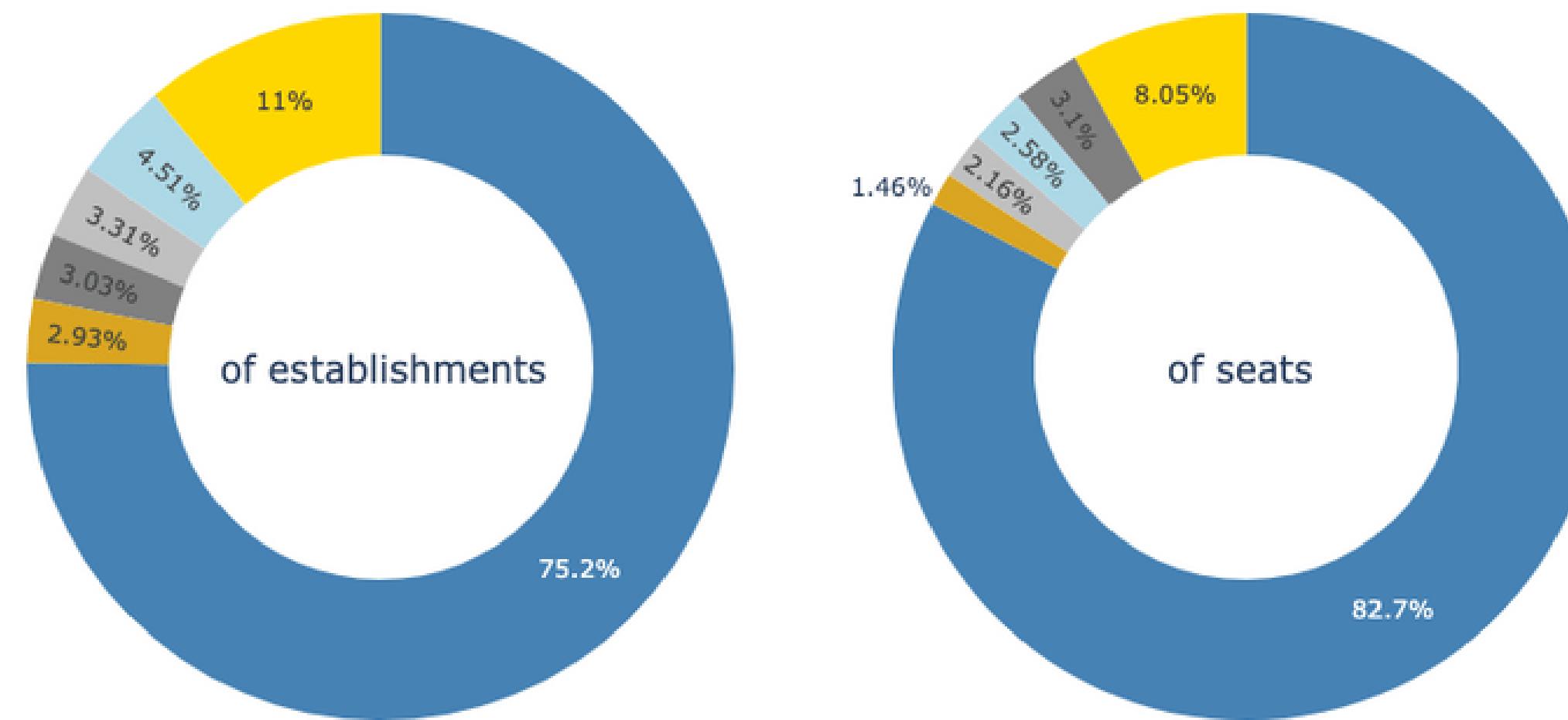
- Restaurant 7253
- Fast Food 1066
- Cafe 435
- Pizza 319
- Bar 292
- Bakery 283



We explore the proportions of different types of establishments and build a pie. So LA is dominated by Restaurants with 7253, then we see a significant amount of Fast Foods with 1066 entries. Pizzas, Bars and Bakeries in much smaller numbers - 319, 292 and 283 entries respectively.



# SHARES OF VARIOUS TYPES OF ESTABLISHMENTS IN THE TOTAL NUMBER



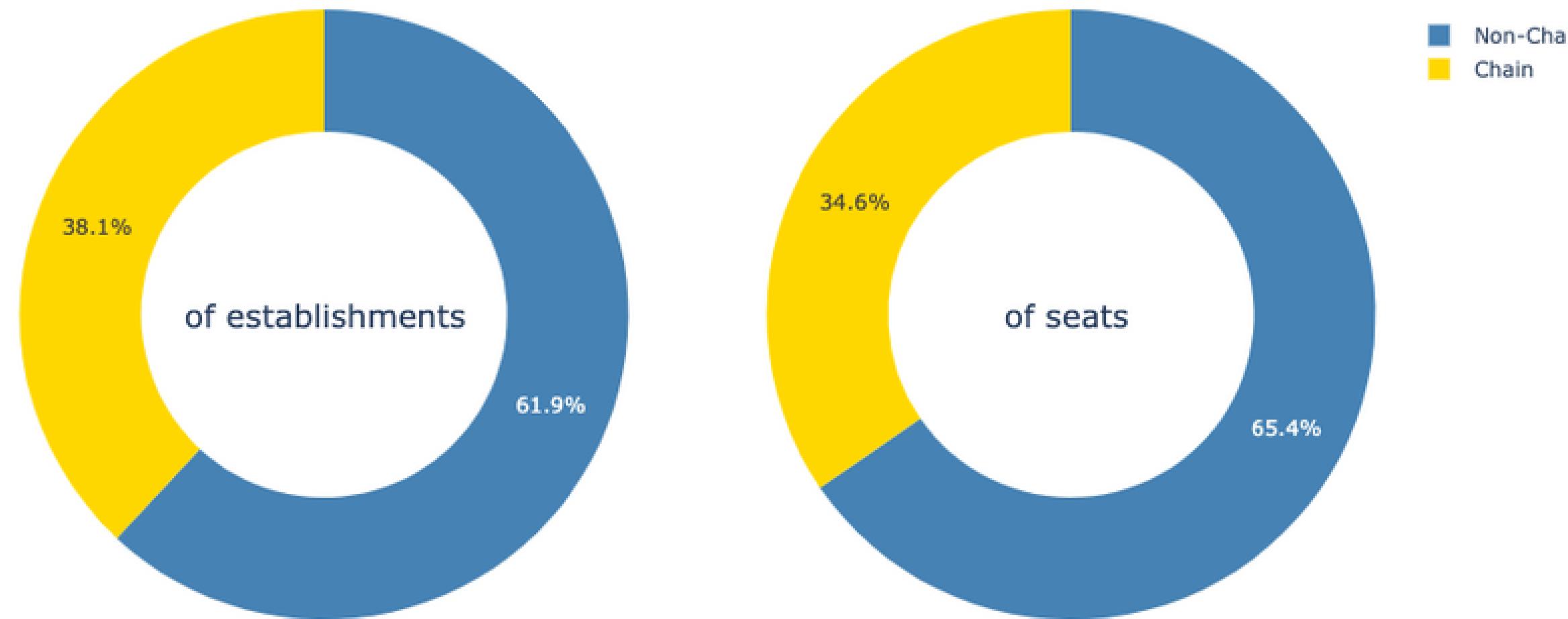
Look at the distribution in percentage terms, then restaurants occupy 73% of all establishments, fast food - 11%, all other types ranging from 3 to 4.5%.

In terms of the number of seats, restaurants take a confident first place with 348,498 seats (the sum of seats in all restaurants) or 83%. The second place in terms of the number of seats is occupied by fast food establishments - 33939 and 8%, respectively.





# THE PROPORTIONS OF CHAIN AND NONCHAIN ESTABLISHMENTS IN THE TOTAL NUMBER



We see that the distribution of our establishments into chain and non-chain from all establishments does not differ much depending on the establishment and the number of seats - about **62-65% non-chain and 38-36% chain establishments**

# TYPE OF ESTABLISHMENT IS TYPICALLY A CHAIN

## RESTAURANTS

**31.6% of the total or 2292**

restaurants are chain restaurants. Perhaps this is due to the fact that in restaurants, diners are more looking for uniqueness, the best cuisine and new experiences.

## FAST FOOD, CAFES AND PIZZERIAS

**48% to 62%, i.e. half or more** of this type of establishments are chain. This can be explained by the fact that it is easier for chain establishments to engage in advertising and promotion, and they are recognizable in any city.

## BARS

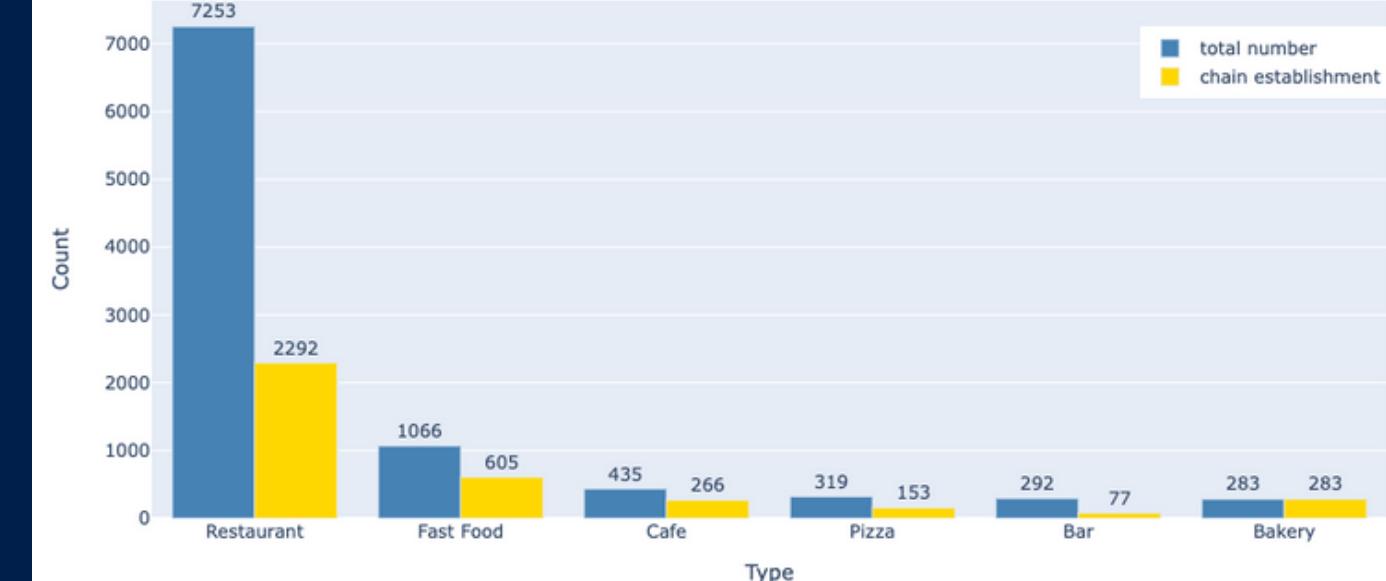
**26% of the total or 77**

bars are chains. It is possible that this is also due to the unique atmosphere that people want to get in the bar.

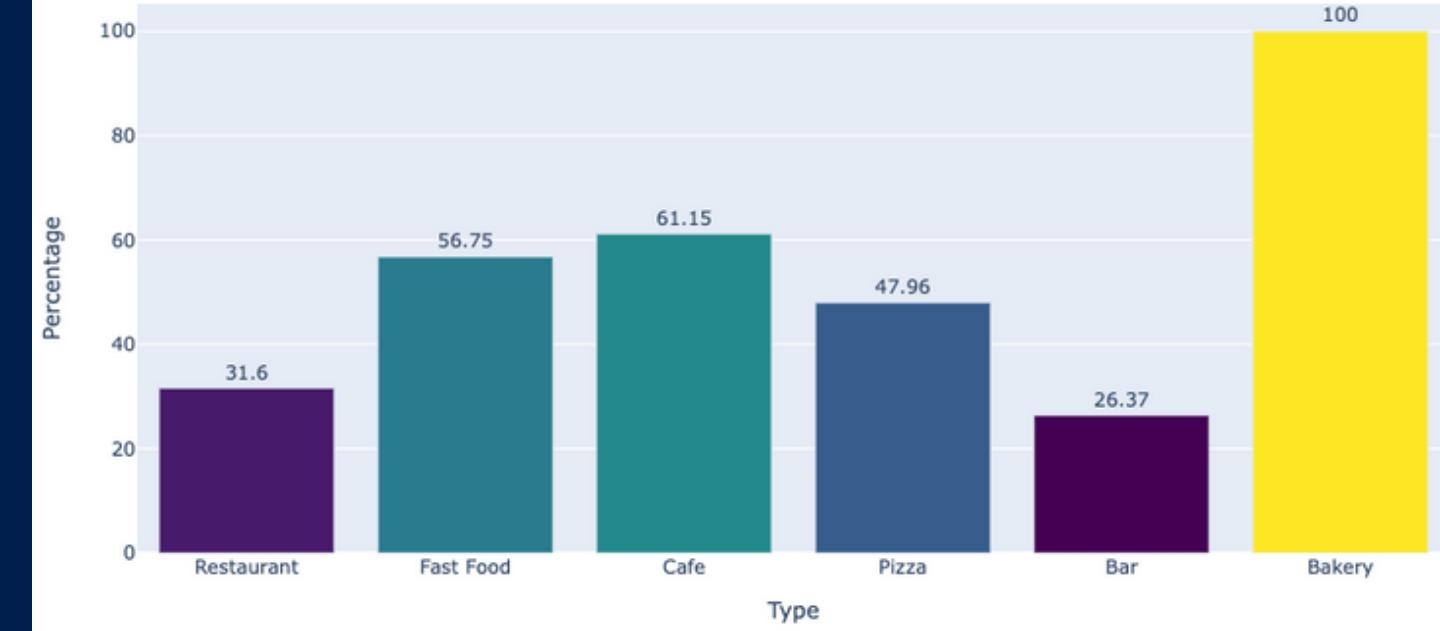
## BAKERIES

**100% of bakeries are chains,** but we must remember that they only make up 3% of our data.

Graph of the total number of establishments and those that belong to chains

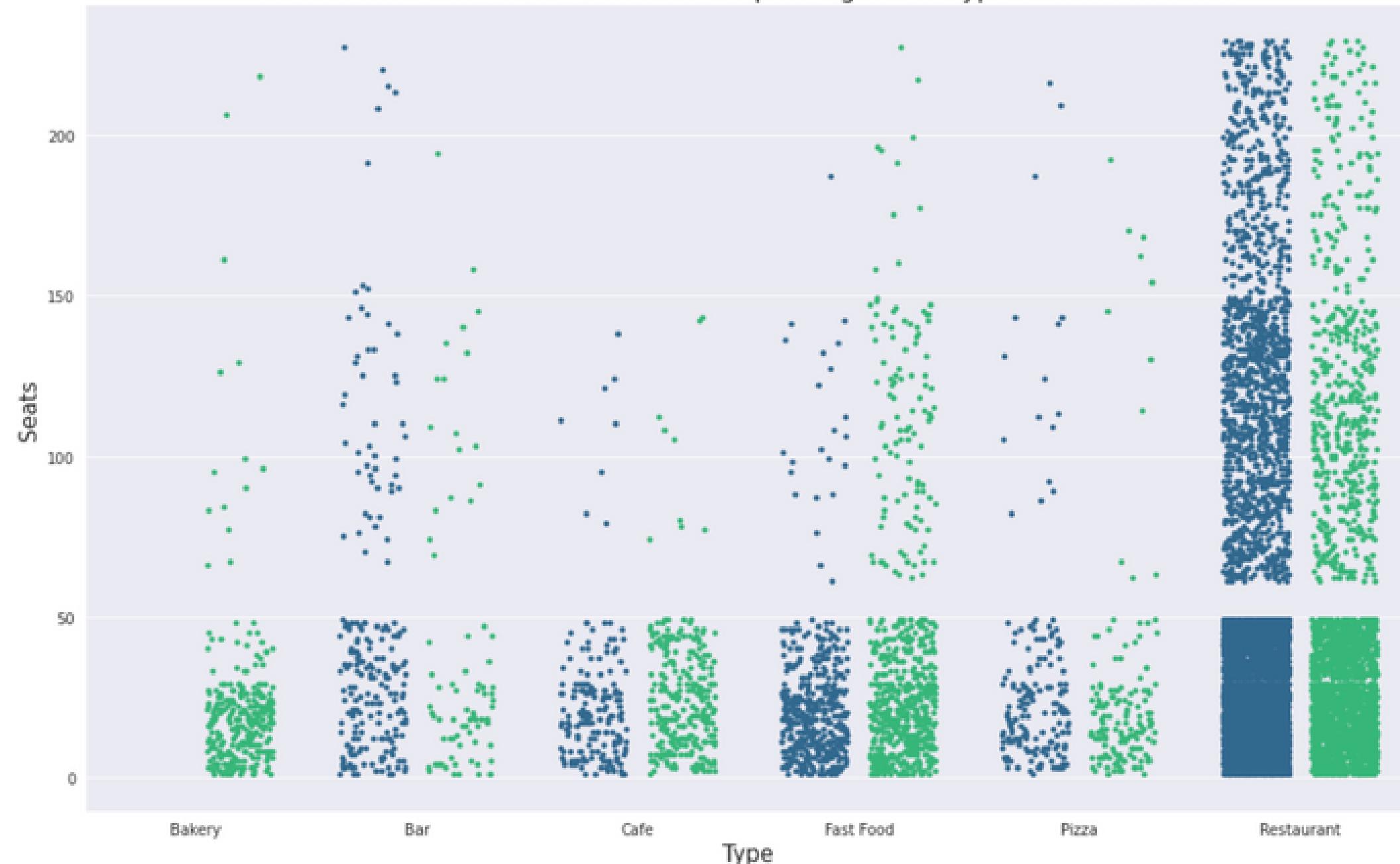


Percentage of chain establishments for various types of establishments





Seat scatter in chain establishments depending on the type of establishments



Most establishments have up to 50 seats, then we can observe an interesting phenomenon - there are no establishments with a seating capacity of 50 to 60. Perhaps this is due to taxation or the requirement for the premises and the "cost" of a seat for the institution.

## CHARACTERIZES CHAINS

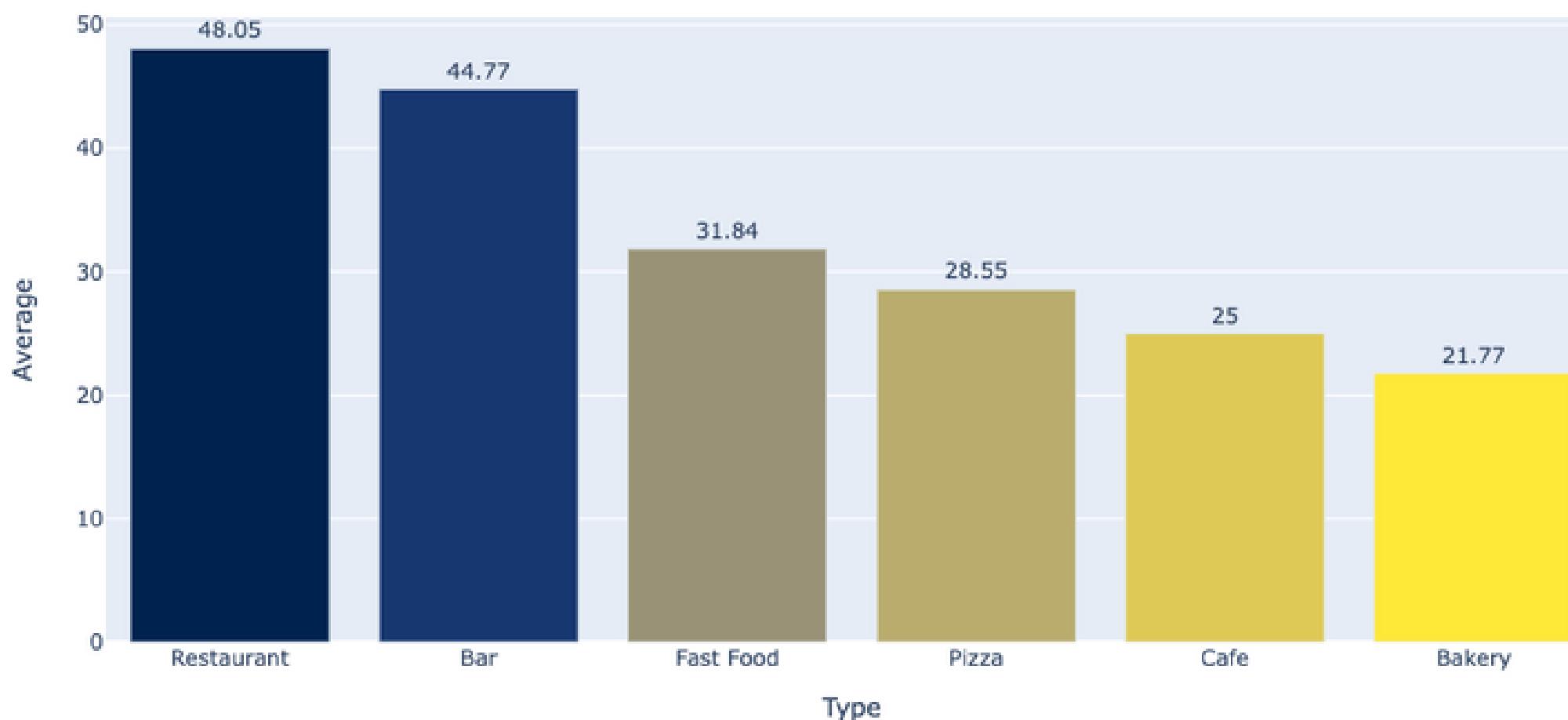
It is worth noting that restaurants have a fairly dense distribution of seats from 61 to 229 for both chain and non-chain establishments.





# THE AVERAGE NUMBER OF SEATS FOR EACH TYPE OF RESTAURANT

Average number of seats for various type of establishments



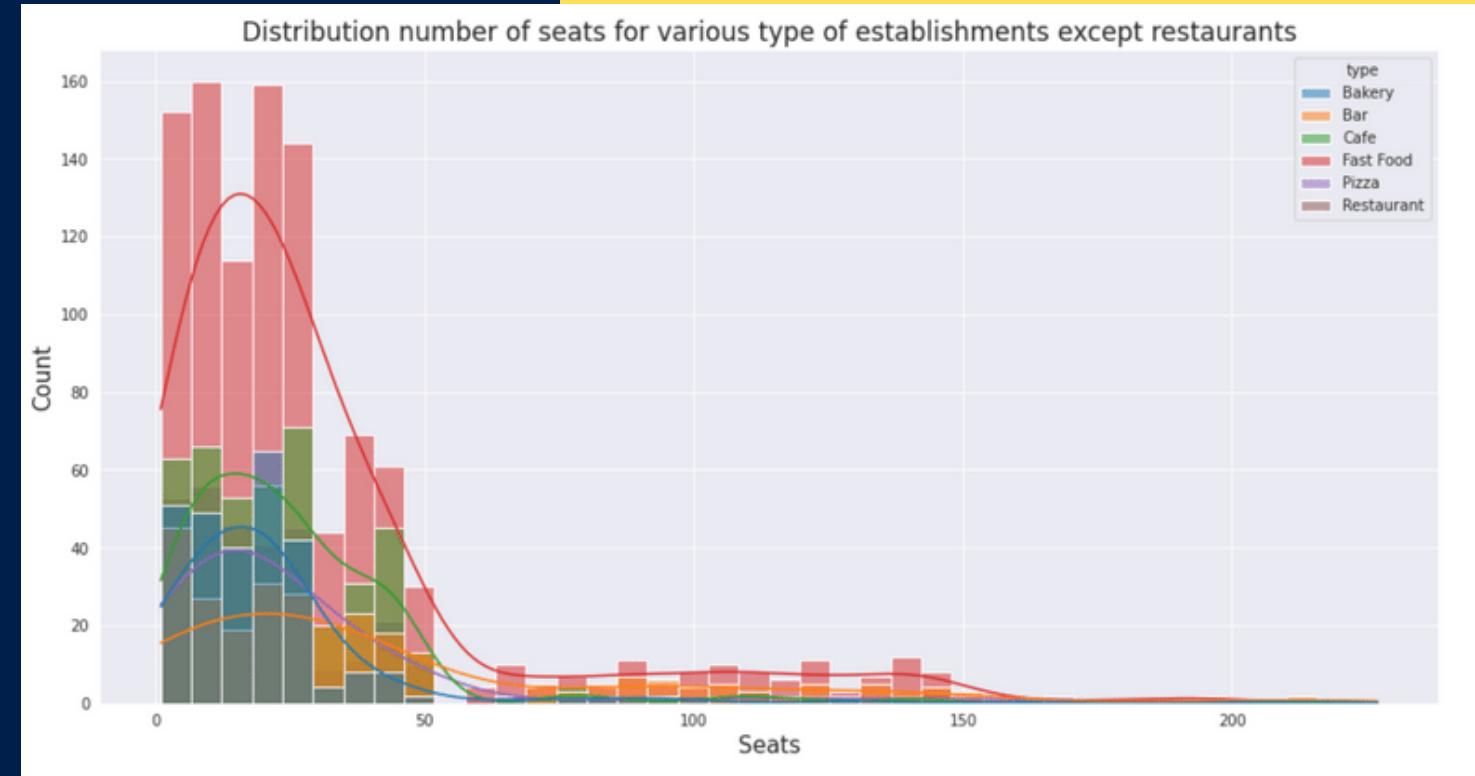
Look at the average number of seats by types of establishments.

We see that in restaurants, on average, the largest number of seats is **48 seats**, in bars, on average - **45 seats**. All other types of establishments, on average, have a significantly smaller number of seats.



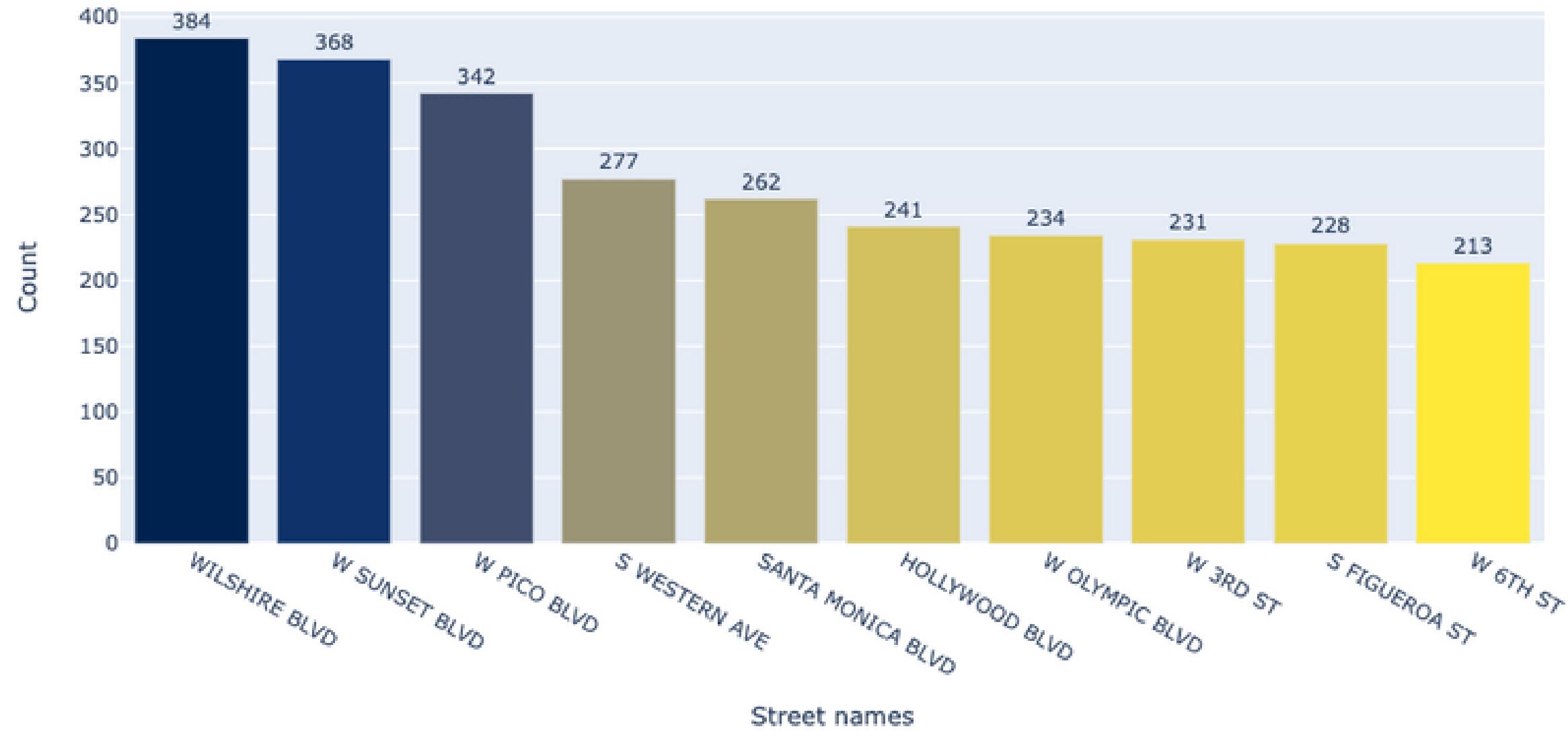
# THE AVERAGE NUMBER OF SEATS FOR EACH TYPE OF RESTAURANT

In addition, we look closely at the distribution of the number of seats, where we see that almost all establishments, have less than 50 seats, and most of them have no more than 30 seats. This is especially true for fast food and restaurants.





Top 10 streets by number of establishments



Look at the list of the top 10 streets with the most establishments, we can replace an interesting pattern - most streets are represented in their western part.

Total number of establishments on 10 main streets: **2780**

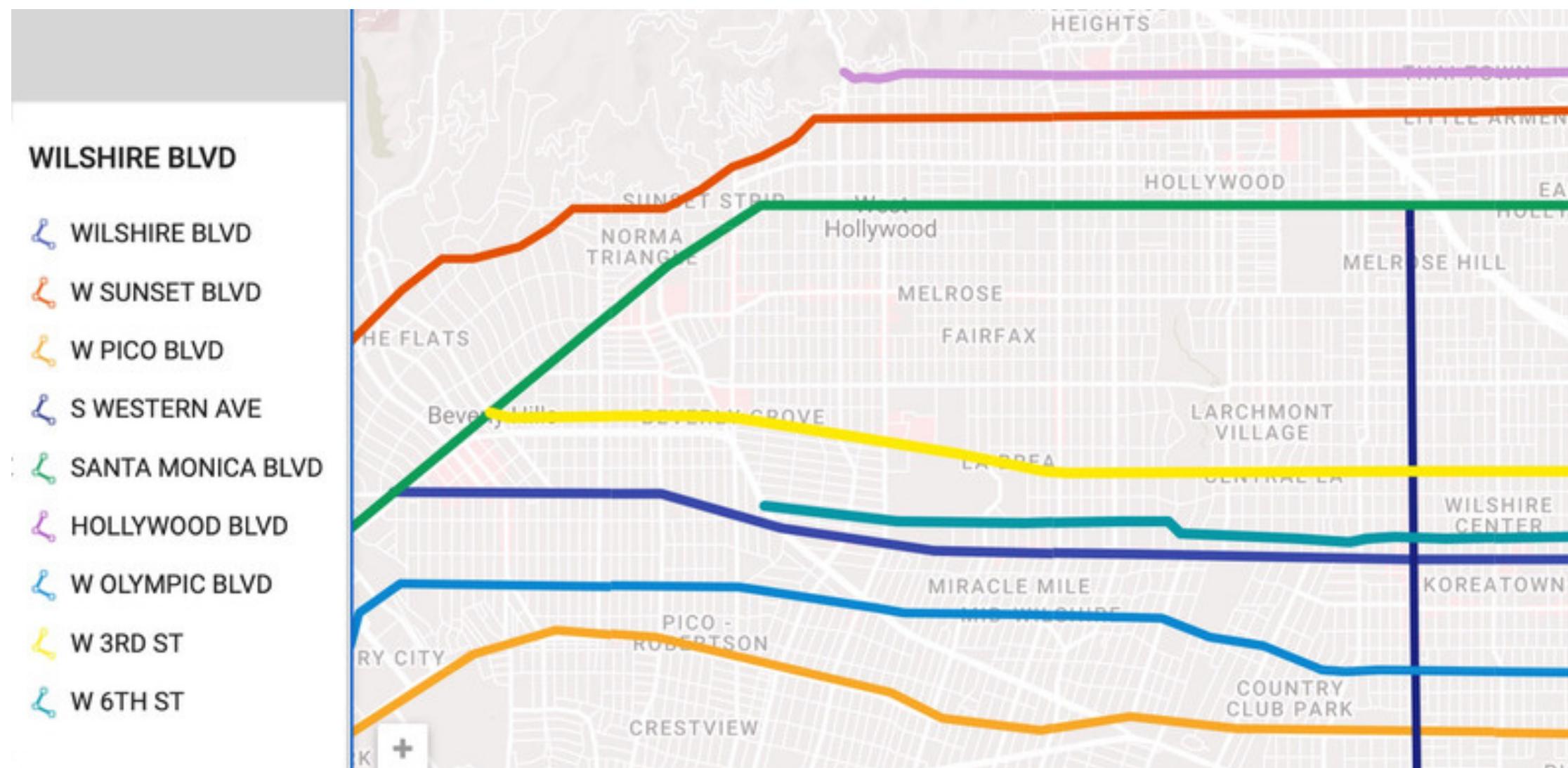
## TOP 3 BY NUMBER OF ESTABLISHMENTS:

**WILSHIRE BLVD-384 || W SUNSET BLVD - 368 || W PICO BLVD - 342**





# CONCENTRATION OF STREETS WITH THE MAXIMUM NUMBER OF ESTABLISHMENTS

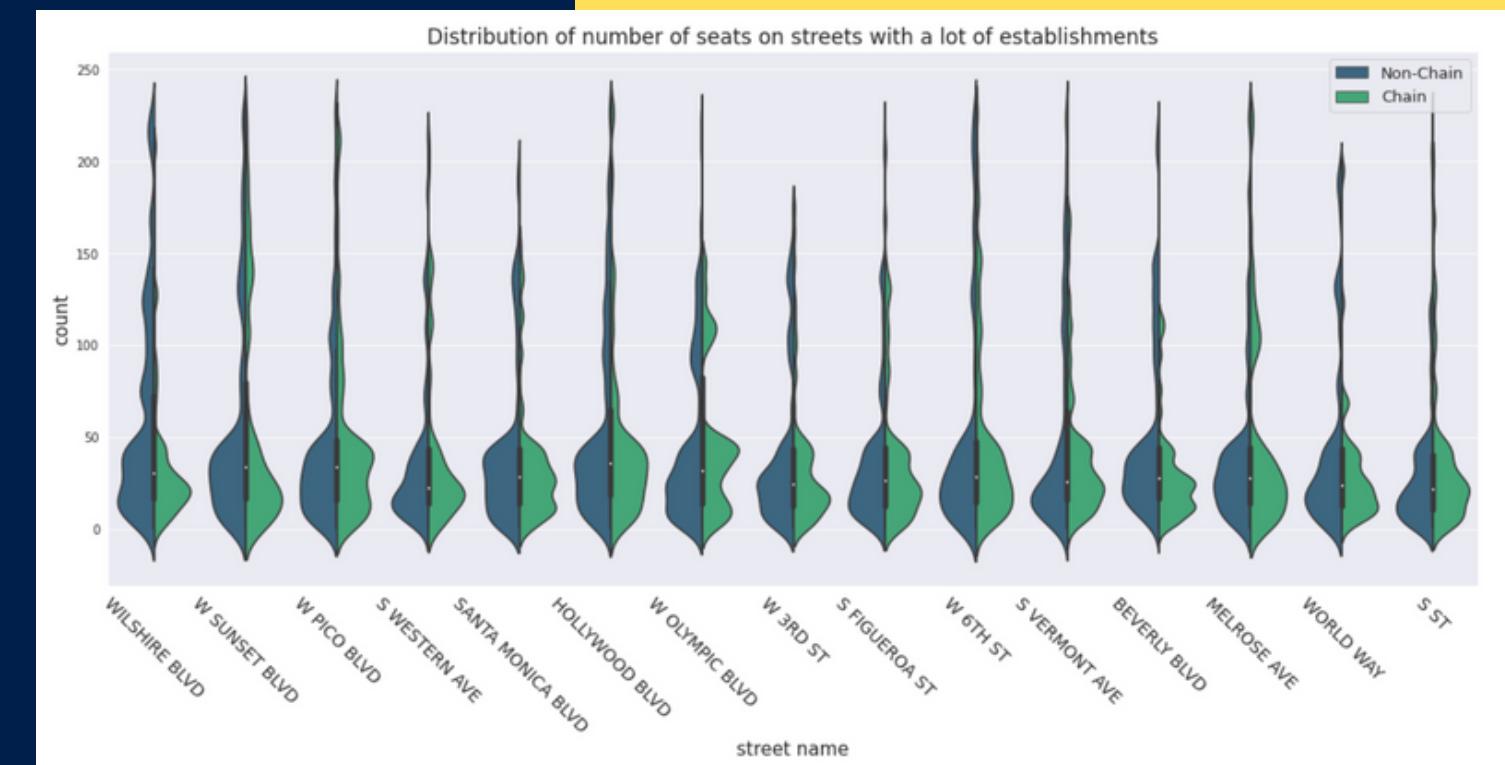
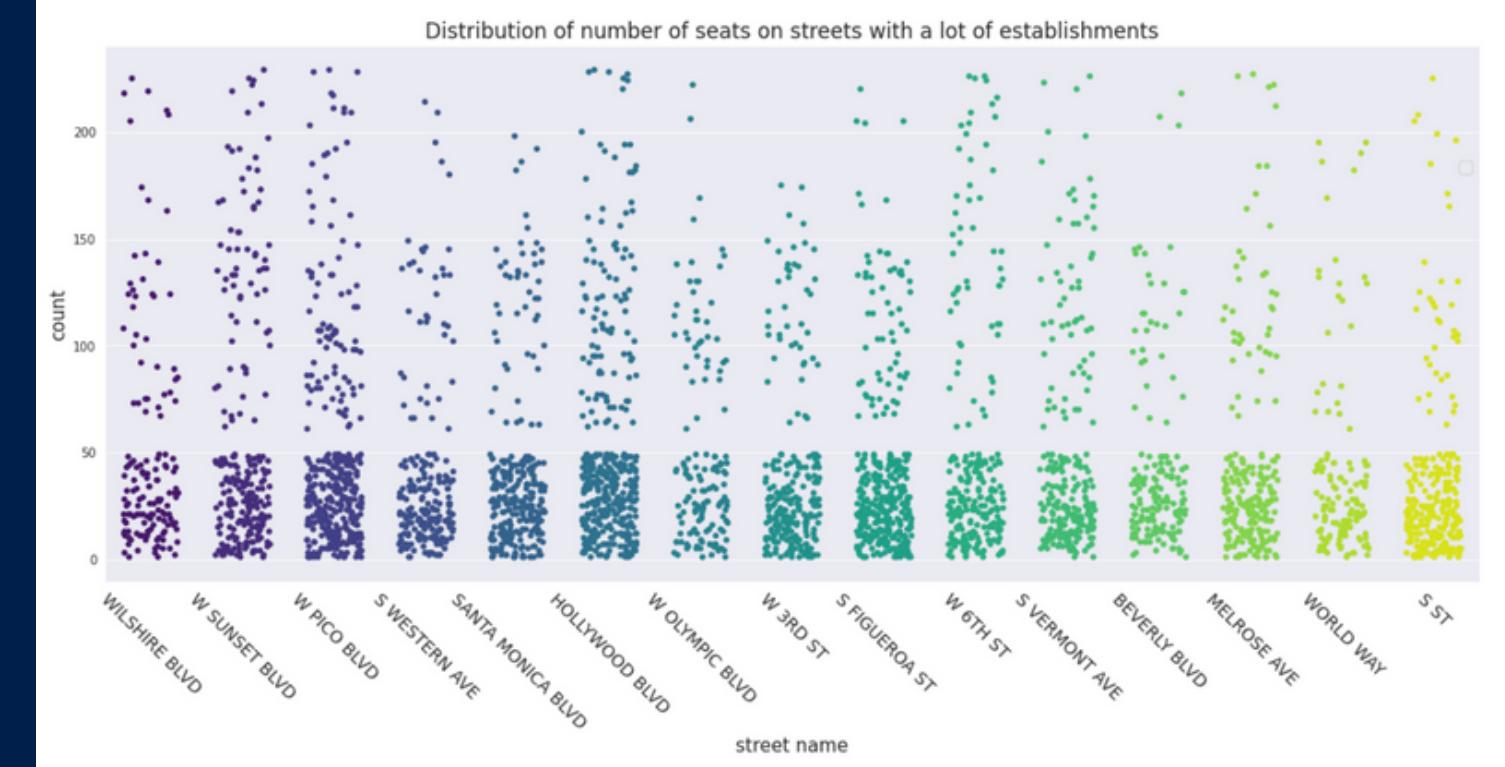


The study of the streets by directions gives us a clearer picture of where the main center of the concentration of restaurants is located. In this case, these are **Beverly Hills, Hollywood, Wilshire Place and Melrose Hills**.



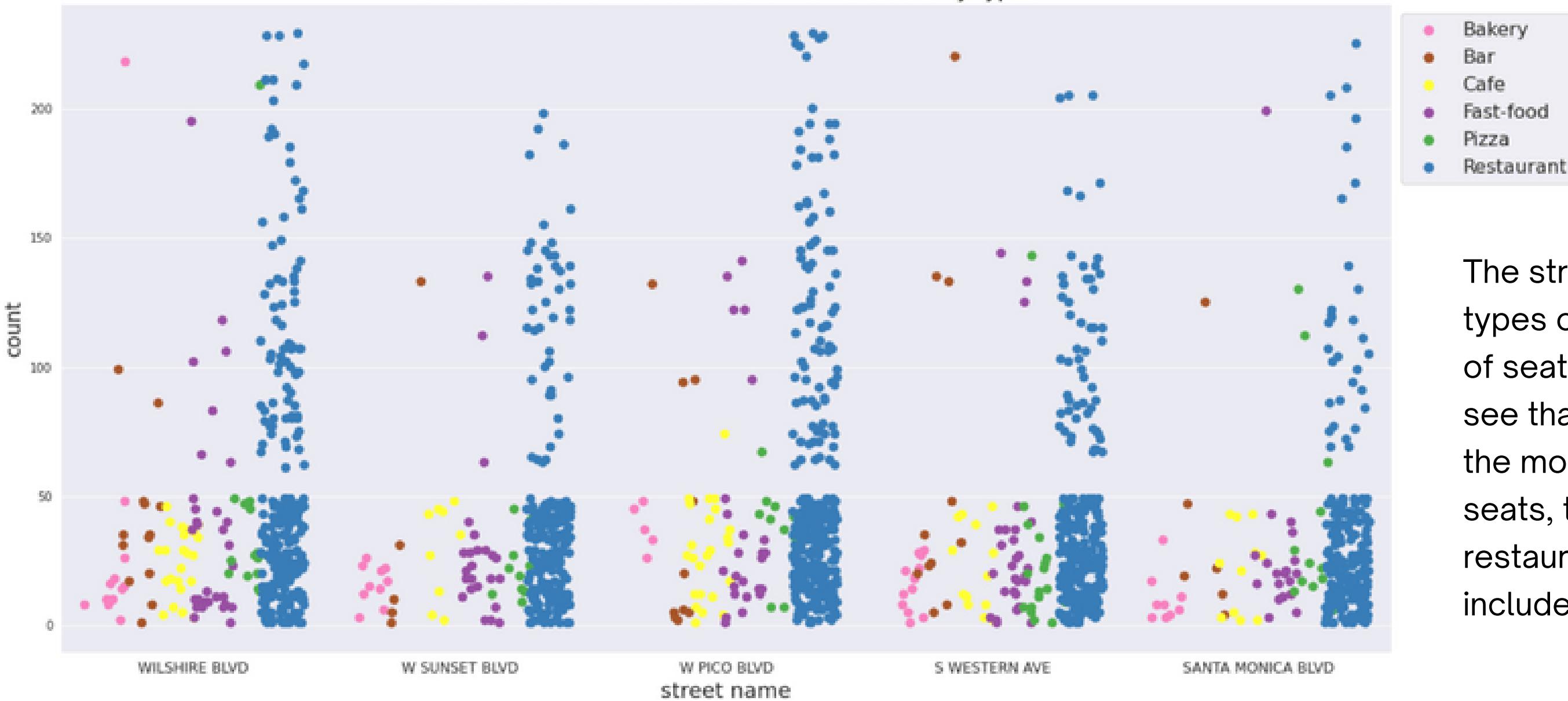
# THE DISTRIBUTION OF THE NUMBER OF SEATS BY TOP 15 STREETS

We see that 5 streets stand out: W **PICO BLVD**, W **SUNSET BLVD**, **HOLLYWOOD BLVD**, W **6TH ST**, **VERMONT** and **WILSHIRE BLVD** - these streets have more establishments with more seats. However, it is worth noting that the average number of seats does not differ much and is in the range of **28-36 seats**. In addition, most of these streets have establishments with 229 seats.





Distribution of number of seats on TOP 5 streets by types



The structure of the distribution of types of establishments and the number of seats on the top 5 streets, we will see that restaurants are represented the most and they are not limited by seats, there are also many fast food restaurants. All cafes, bars and pizzas included in our sample up to 50 seats.

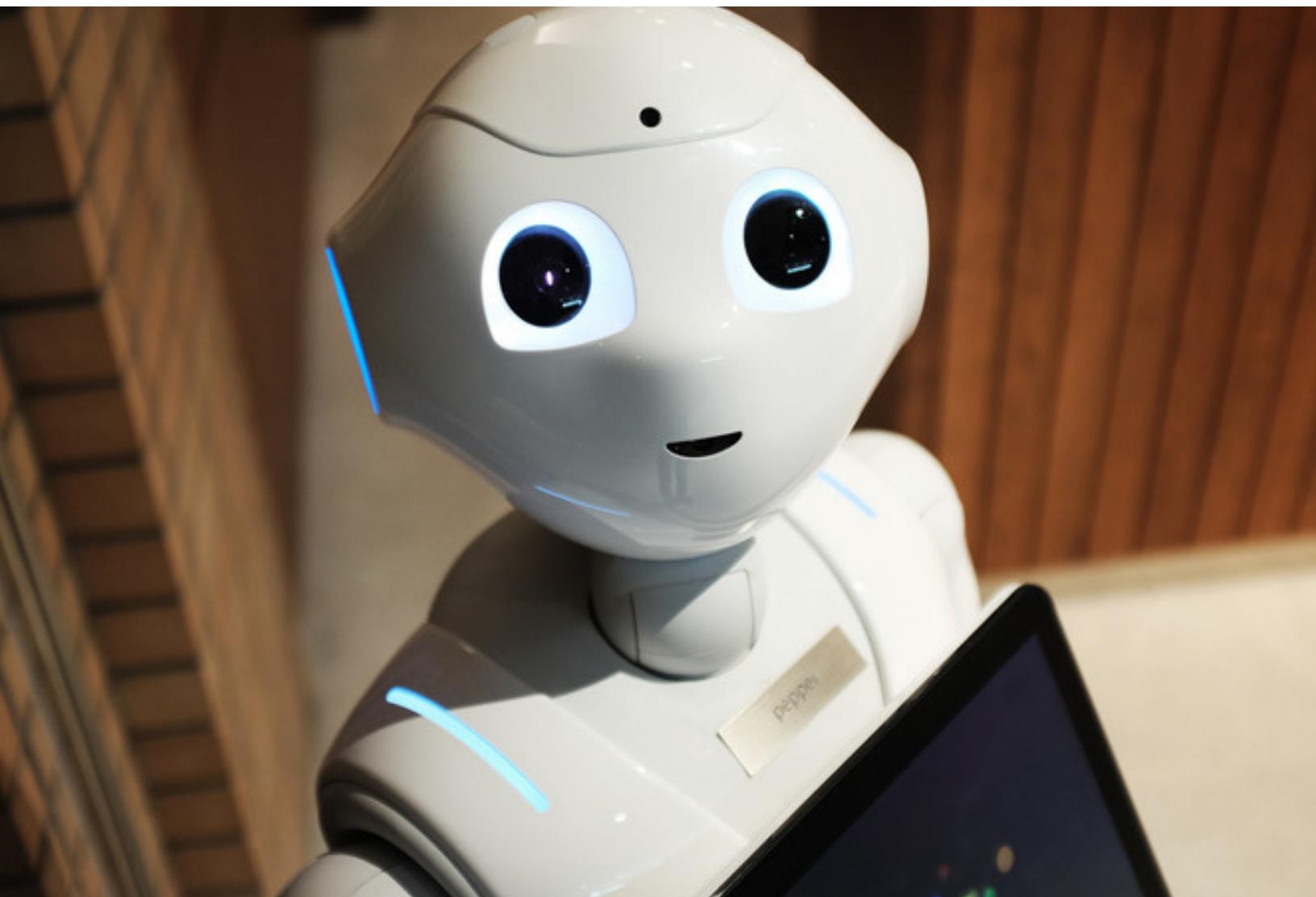
## TOP 5 STREETS

Moreover, we can see that there are fast food restaurants with a large number of seats on WILSHIRE BLVD and W PICO BLVD streets.



# OUR PROPOSAL

We recommend that you pay attention to the possibility of a social project to attract people with disabilities as people who control robots in a cafe.



## ROBOT•RUN

*cafe*

Based on our research, we recommend opening a small cafe. The optimal number of seats is 25-30. The cafe must be located on one of the five most popular streets - W PICO BLVD, W SUNSET BLVD, W WESTERN AVE, SANTA MONICA BLVD and WILSHIRE BLVD. It is also worth finding a place so that there are shopping centers or business centers nearby. This will attract new visitors and increase the number of native ads to promote the cafe.

**ROBOT•RUN Cafe** will be the world's most advanced cafe system with best-in-class sanitation, performance and menu variety.





# CONTACT

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november 2022



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**THANK YOU!!**