

Results

The neighborhoods with more venues in the city are San Nicolas, Belgrano and San Telmo. But the neighborhoods with more pizza places are Villa Crespo, Belgrano, San Telmo and San Nicolas. There's a high common denominator.

From the clustering we can see the different neighborhood profiles grouped.

The clusters tend to coincide very well with the different habitant profile in the city. Taking into account the objective of this report, that is food places, specifically 'Pizza Places' category, we can see that:

Cluster 0 groups the neighborhood that have medium rate of food places, mixed with gyms, parks, bus stops, veterinarian, pharmacys, and others.

Cluster 1 groups the ones that have a solid food places offer, that would be in a medium to high rate, certainly with a lot of Pizza Places, coffe stores, and ethnic food from the principal immigrants collectivities of the city.

Cluster 2 is formed only by Recoleta, that is the neighborhood of the historic high-catholic society, conservative and high purchasing power. But it has a high hotel rate (and we can see in its most common venues), that gives Recoleta one of the principal neighborhood were tourists stay. The hotel offer is huge.

Cluster 3 is formed only by Nuñez, a highly residential neighborhood, with a lot of gym and sports offer. One of the most famous argentine soccer teams are located here(River Plate), and although it has food places offer, with the big picture, it seems to be insignificant.

Cluster 4 is the biggest, containing the most thriving neighborhoods in terms of food places offer, bars, and brand new high quality restaurants. Although it has a few neighborhoods with the highest rate in pizza places, the distribution of pizza places in the whole cluster is irregular.

Then, from the survey made in 2018 provided by the government about food stores in the city, that although incomplete, I got the neighborhoods with the highest food stores rate: Palermo, San Nicolas and Montserrat. There's a coincidence with this data and the one I took from Foursquare, in San Nicolas Neighborhood but Palermo is a significant addition.

At last, I made a comparison of the opening a closing data survey from the government also, that shows an idea of the magnitude of the last two years opening and closing, with a bar plot also: we can see clearly, how evolved the opening and closing through 2016 and 2017. We can see that in 2016 opened much more venues than in 2017, but in 2017 the closing was much less. On the other hand, the ratio opening/closing between 2016 and 2017, shows us a bigger difference in 2016 versus 2017.

Openings in 2017 didn't repose the quantity that closed in 2016. Although we displayed the evolution of food items, we should see in more detail Fast Food and Restaurants(See labels). If we take Fast Food item, that would be the more appropriate for Pizza Places, we can see a huge opening, in relation with other items, and in 'Close 2016', 'Open 2017' and 'Close 2017' although still first, the relationship is shortened.