

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

# **Finding the best place for a restaurant in Toronto**

# Approach

Usually restaurants are concentrated in developed areas.

The easiest way to find the best place for a restaurant is to search for the area where the largest number of restaurants are already concentrated.

It will also be useful to identify the most popular types of restaurants Toronto.

# Questions

What types of restaurants are most popular in Toronto?

What neighborhood has maximum density of restaurants?

# Data acquisition and cleaning

Wikipedia page with the list of Neighborhoods in Toronto [https://en.wikipedia.org/wiki/List\\_of\\_postal\\_codes\\_of\\_Canada:\\_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M)

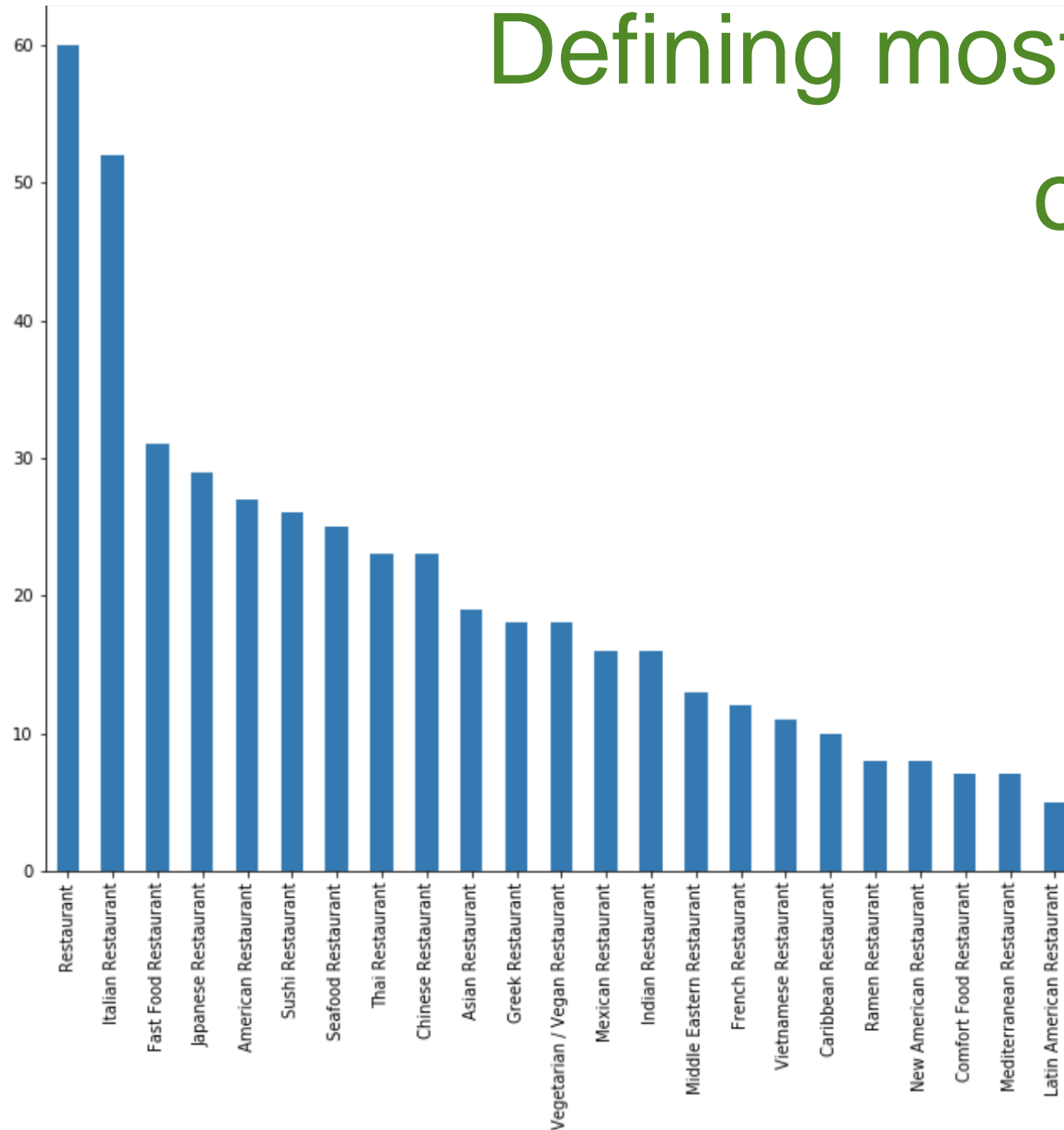
Geographic coordinates of the neighborhoods:  
[https://cocl.us/Geospatial\\_data](https://cocl.us/Geospatial_data)

Forsquare base will be used to search for venues in Toronto neighborhoods, including restaurants.

Aggregated by postal code Data will be combined with geographic coordinates.

Then data will be filtered by category of the venue including string “restaurant” in its name.

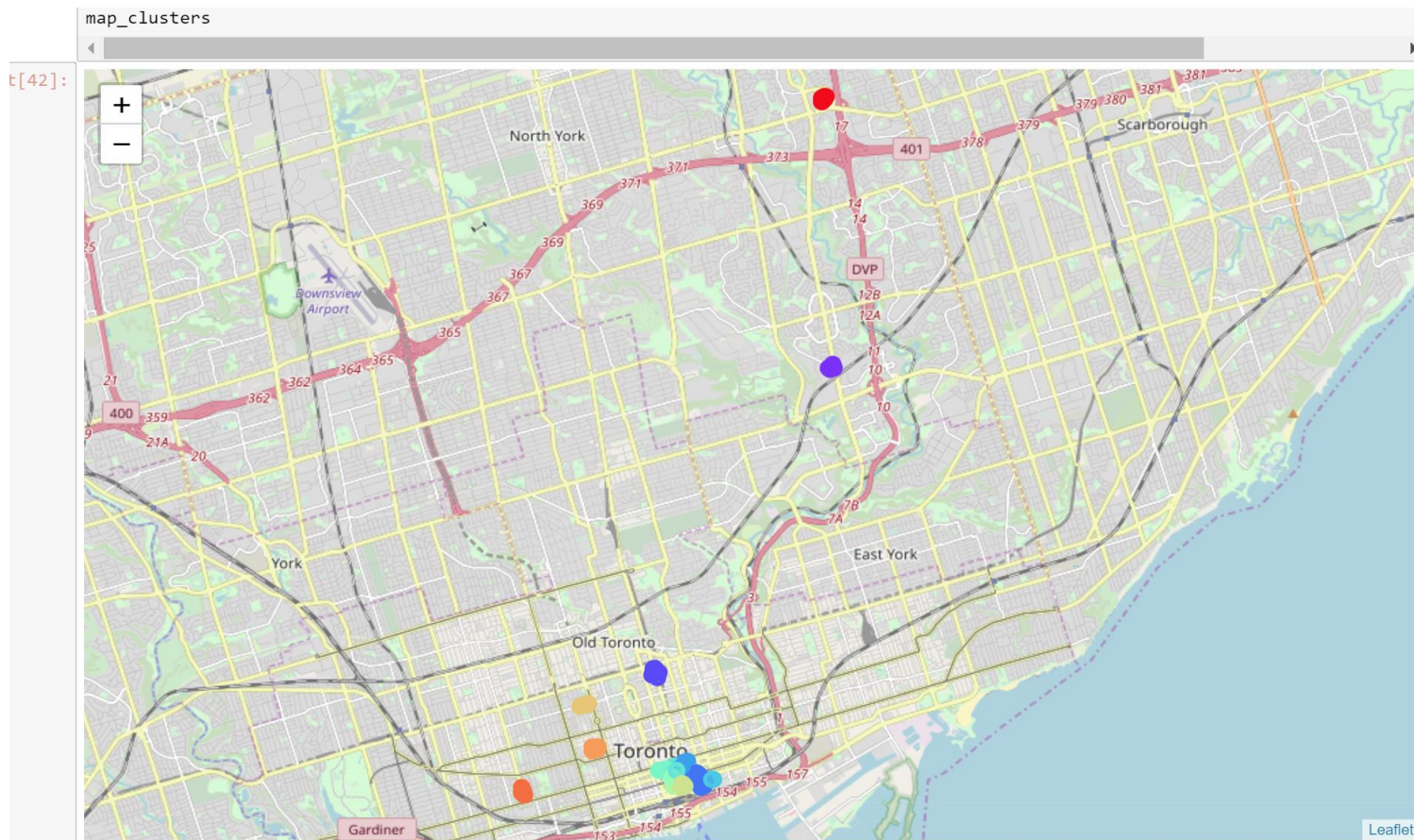
# Defining most popular type of a restaurant



The most popular types of restaurants in Toronto are: “Restaurant”, “Italian restaurant”, “Fast food restaurant” and “Japanese restaurant”.

# Methodology and modelling

The DBSCAN model is used to identify the areas with highest density of restaurants. Other restaurants are defined as noise.

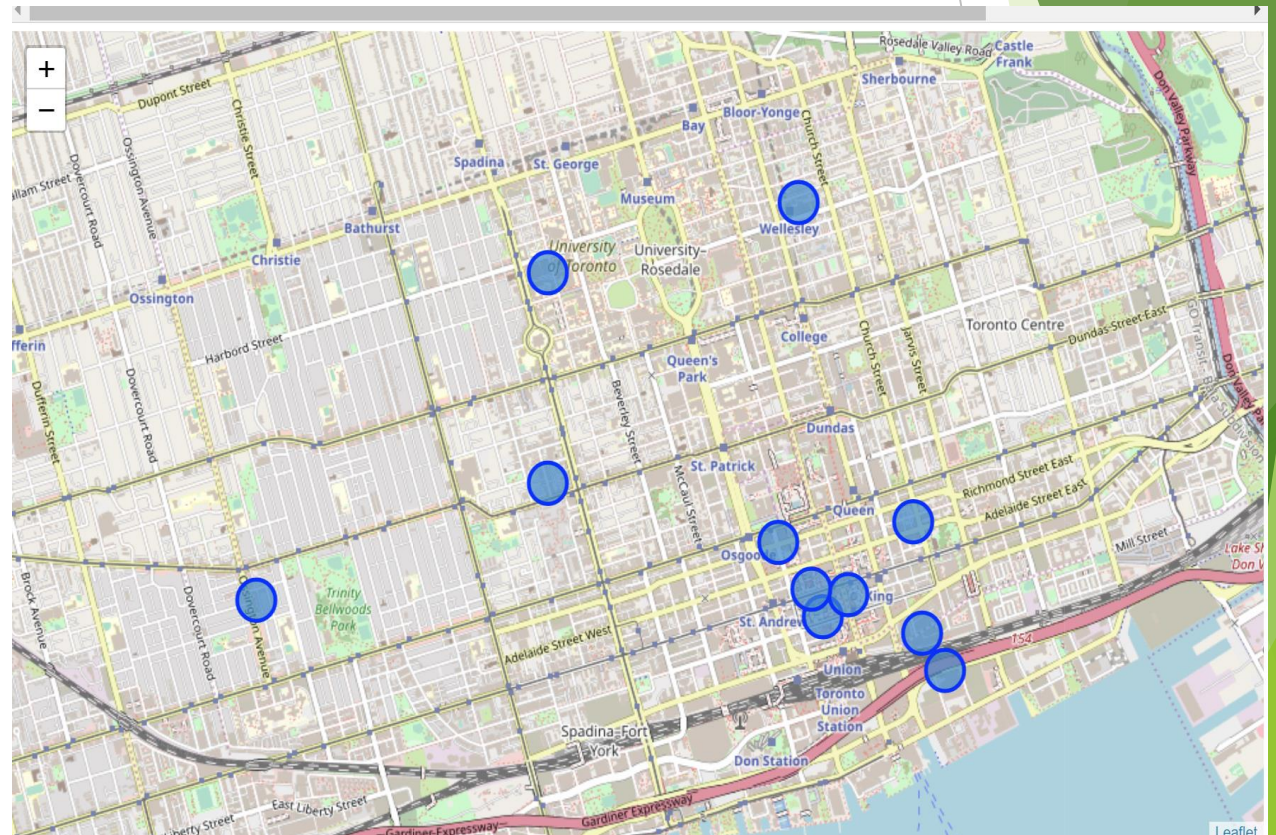




# Results

The list and the map of best places for a restaurant in Toronto

	Neighborhood
0	Fairview, Henry Farm, Oriole
1	Flemington Park, Don Mills South
2	Church and Wellesley
3	St. James Town
4	Berczy Park
5	Adelaide, King, Richmond
6	Design Exchange, Toronto Dominion Centre
7	Commerce Court, Victoria Hotel
8	Harbord, University of Toronto
9	Chinatown, Grange Park, Kensington Market
10	Stn A PO Boxes 25 The Esplanade



# Conclusion and future directions

Defined the areas of Toronto with the maximum density of restaurants.

These areas are good for placing a new restaurant.

Also, I defined which type of restaurants are most popular in Toronto.

In future, it will be useful to explore some correlations between restaurants and other type of venues, for example, offices, trade centers, hotels and so on.