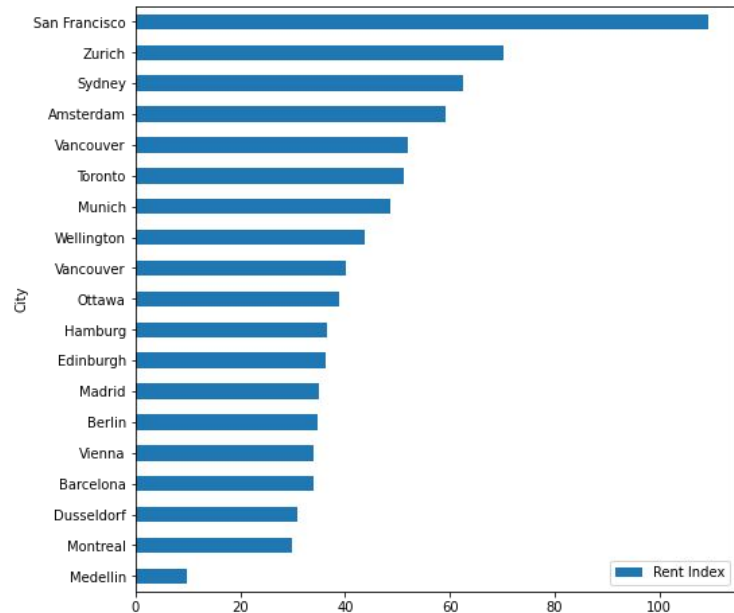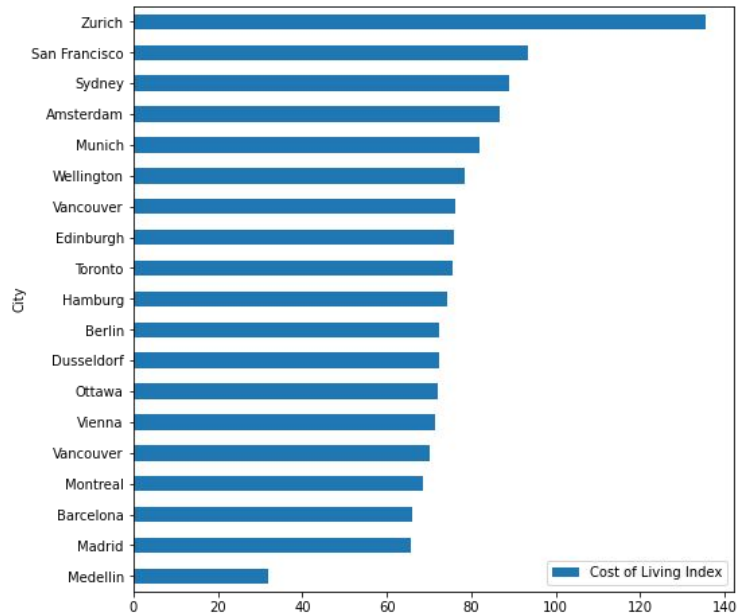# Choosing the city where to move

Choosing which city is similar to Munich based on Data

- Compare Munich to other cities based on data like venues, rent, cost of living, population.
- To retrieve this data the next sources were used
    - City venues: foursquare api will provide which venues are in each city center in a radius of 1km, those venues later will be categorized and used to compare each city.
    - Population of each city using this dataset from simple maps of World cities population.
    - Cost of living, Rent and purchase power of each city, for this we are going to use the Numbeo cost of living dataset.
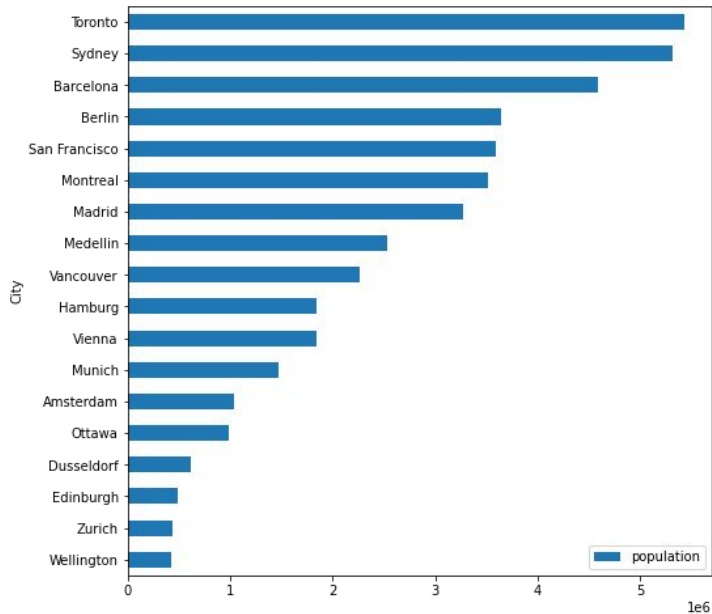
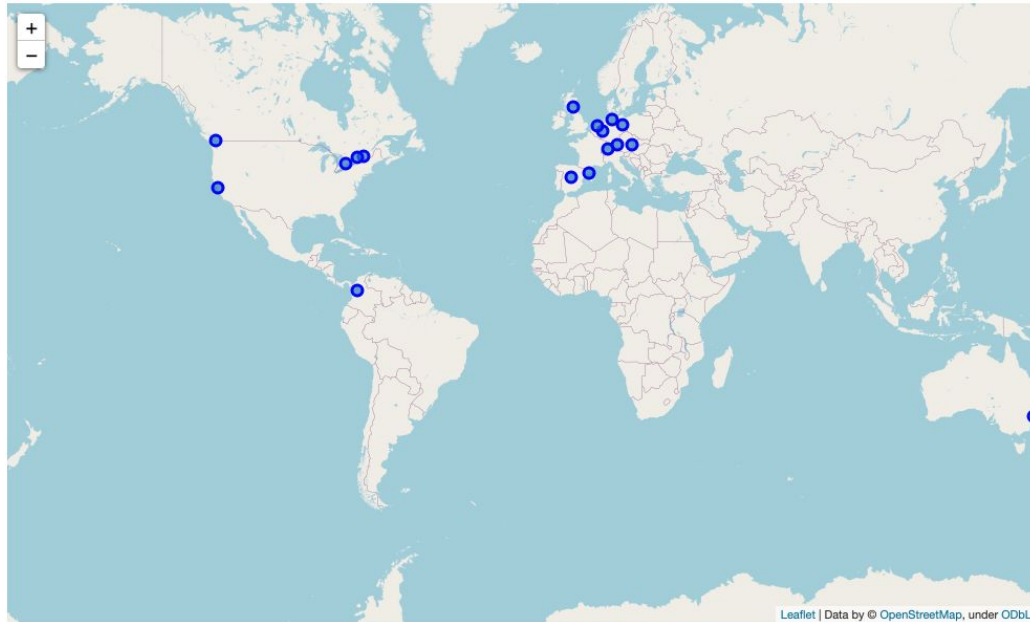# City cost of living, rent index per city
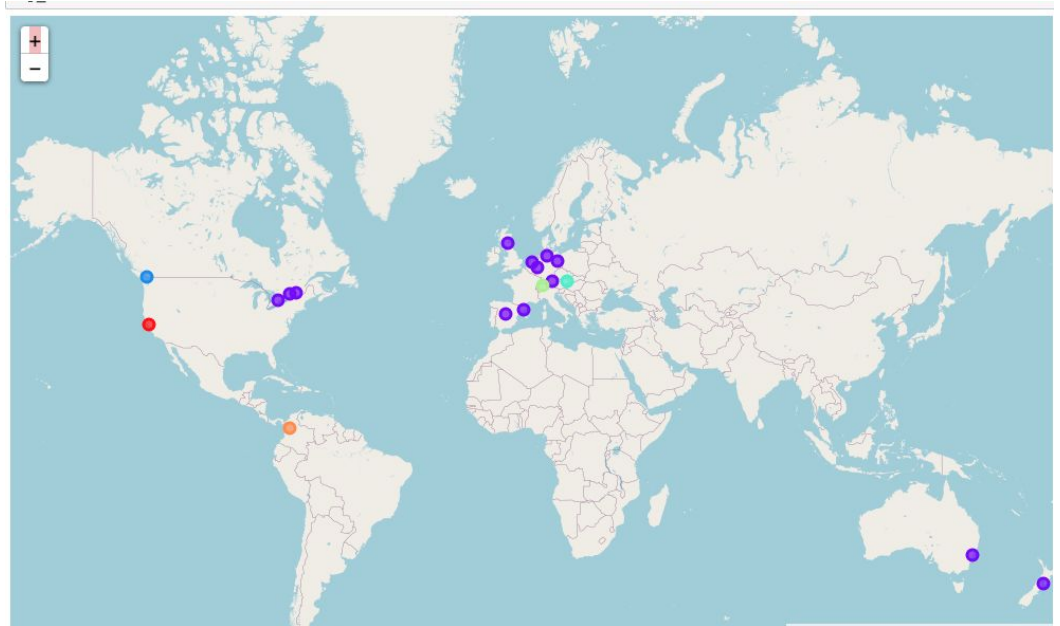
Local purchasing power and Population

Cities location

Clustering cities by similarities

Using K-clustering we can see that many cities are similar to munich, so we need more information to determine which city to move.

Munich: Purple Cluster

Conclusion and future directions

- Give insight of how cities compare and help other to decide which city to move.
- Can be extended using more features to give more precision in the clustering, for example:
  - Average salary
  - Taxes
  - Unemployment index

Thanks!