

# **A study on Similar Neighborhoods in First world countries**

## **Introduction**

### 1.1 Problem and a discussion of the background

The final project explores the similarity between different First world cities around the world.

Immigration is the process of moving to a new country or region with the intention of staying and living there. People may choose to immigrate for a variety of reasons, such as employment opportunities, to escape a violent conflict, environmental factors, educational purposes, or to reunite with family. Research suggests that migration is beneficial both to the receiving and sending countries. So to where do people prefer to migrate ?? The US primarily: one in five potential migrants named this country as their preferred destination. Meanwhile, Germany, Canada, the United Kingdom, France, Australia and Saudi Arabia appeal to at least 25 million adults each. Roughly 20 countries attract more than two-thirds of all potential migrants worldwide

So in this project I consider the major cities to where immigration happens the most.

1. Manhattan, NYC , US
2. Toronto , Canada
3. Berlin, Germany
4. Paris , France

These cities attract the majority of Foreign Immigration.

The researches suggest that people from all over the world migrate to these countries and in turn to these cities, so there is a chance that Neighborhoods from these countries may have similar tastes. So whether there are neighborhoods similar across countries separated by different continents?

Also which is the most common Restaurant type in these cities?

And which Cuisine type is famous among these Cities?

### 1.2 Data

In order to answer the above questions, data on neighborhoods, boroughs, latitude, longitude and restaurants are required.

New York City data containing the neighborhoods and boroughs, latitudes, and longitudes will be obtained from the data source: [https://cocl.us/new\\_york\\_dataset](https://cocl.us/new_york_dataset)

Toronto data containing the neighborhoods and boroughs, latitudes, and longitudes will be obtained from the data source:

[https://en.wikipedia.org/wiki/List\\_of\\_postal\\_codes\\_of\\_Canada:\\_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M)

Berlin, Germany data containing the neighborhoods and boroughs, latitudes, and longitudes will be obtained from the data source:

[https://en.wikipedia.org/wiki/Boroughs\\_and\\_neighborhoods\\_of\\_Berlin](https://en.wikipedia.org/wiki/Boroughs_and_neighborhoods_of_Berlin)

Paris, France data containing the neighborhoods and boroughs, latitudes, and longitudes will be obtained from the data source: [https://en.wikipedia.org/wiki/Arrondissements\\_of\\_Paris](https://en.wikipedia.org/wiki/Arrondissements_of_Paris)

All data related to locations and details of Food venues will be obtained via the FourSquare API utilized via the Request library in Python.