Data

In our investigation we will use the following free and public available datasets. We will try to evaluate available Airbnb 2019year accommodations in Manhattan, New York and define the most reasonable apartments sets clusters for the tourists.

Following data sources is needed for our project:

New York City apartment listing from the Inside Airbnb site
- http://data.insideairbnb.com/united-states/ny/new-york-city/2019-12-04/data/listings.csv.gz

New York Neighborhoods Tabulation Areas - https://data.cityofnewyork.us/api/geospatial/cpf4-rkhq?method=export&format=GeoJSON

Foursquare API to extract data about venues - food places, museums, galleries, shopping centers, sightseeing attractions, concert halls and so on

New York Crime data for 2019 year - https://data.cityofnewyork.us/api/views/5uac-w243/rows.csv?accessType=DOWNLOAD