Introduction

Milan is Italy's city of the future, a fast-paced metropolis where money talks, creativity is big business and looking good is an art form. Internationally recognised as one of the world's most important fashion capitals, but it also has a wealth of interesting museums and things to see and do. Moving to a city like this is a the dream of many but how to decide what is the right place for you?

Business Problem

The objective of this project is to analyze and select the best locations in the city of Milan, Italy to buy/rent a house. Using data science methodology and machine learning techniques like clustering, all to provide a solution to the problem.

Data

To perform this analysis, we will need the following data:

- List of the neighborhoods in Milan

- Geo-coordinates of the neighbordhoods in Milan

- Top venues by neighborhoods

- Population distribution among the neighborhood

List of the neighbordhoods, populationwill be obtained from https://dati.comune.milano.it/ where all sort of demographic and territorial information about the city are stored.

Venues data will be obtained from Foursquare through an API.

Geo-coordinates of districts will be obtained with the help of the geocoder tool in the notebook.