

Data Science Project : Battle of Neighborhoods

Buying Real Estate in France

Background

Actually the banks purposes credences with small interest, so this is interesting for the buyer and sellers of houses or flats. The problem is there is so many real estate agencies that we can easily lost ourselves. It's also hard to evaluate quickly the market.

Business Problem

In this scenario, it is urgent to adopt machine learning tools in order to assist homebuyers clientele to make wise and effective decisions. So, how can we optimizing the search of real estates ?

To solve this business problem, I am going to focus on Paris neighborhoods in order to recommend venues and the current average price of real estate where homebuyers can make a real estate investment. The code will give as a result recommandation to the homebuyer based on the price and neighborhood.

Methodology

The Methodology section will describe the main components of our analysis and predication system. The Methodology section comprises four stages:

1. Collect Inspection Data
2. Explore and Understand Data
3. Data preparation and preprocessing
4. Modeling

I found the data on <https://www.data.gouv.fr/fr/datasets/resultats-des-observatoires-locaux-des-loyers-par-agglomeration/#> . It compare the rent of many housing in Paris and give a overview of the price by neighborhood.