The Battle of Neighborhoods

Introduction:

The purpose of this project is to find the best location where a restaurant or store can be opened in Los Angeles.

Los Angeles County is one of the most populated countys in the United States. Due to it's good weather, beaches and important events such as music festivals or the Oscars, and places like the Walk of Fame, the Chinese Theatre or Santa Monica boulevard, it receives thousands of tourists from all around the world. It seems to be a good place to open a restaurant or a shop.

Problem

To find the answers to the following questions:

1) Is Los Angeles a suitable place to open a store or restaurant?
2) Find the most recommended type of shop or restaurant.
3) Which is the best place to open a store or restaurant?
4) Which is the least atractive área to open a new restaurant or store?

Required information

Database with demographic information of all the cities in the United States. Coordinates are necessary too. Economical data about citizens is helpful. Fousquare API will provide information about relevant places.

Link 1: https://simplemaps.com/data/us-cities

Link 2: https://data.lacounty.gov/resource/ai64-dnh8.json

Link 3: https://worldpopulationreview.com/state-rankings/cost-of-living-index-by-state

Python Libraries

1) Folium
2) Geocoder
3) Nominatim
4) Json
5) Matplotlib
6) Numpy
7) Pandas
8) Request
9) Sklearn
10) Math