Coursera

Capstone Project – The Battle of Neighborhoods

Introduction

A business that is performing well in New York is looking to invest and start up the same business in Paris. Therefore, comparing these two cities and their variety of venues brings great value to the decision of where to locate it. The purpose of this project is to compare the central area of New York with the central area of Paris. For each city, the most popular venues of each neighborhood will be analyzed. Each neighborhood will then be clustered. Clustering neighborhoods in this way will show similarities and dissimilarities between the two city centers.

Data

The problem will be approached by using the following data:

- Json file of New York Neighborhood data
- Json file of Paris Neighborhood data
- Python geocoder library to get geographical coordinates of neighborhoods
- Foursquare API venues to get the venues of every neighborhood in New York and Paris

Methodology

Results

Discussion

Conclusion