

Week 1 Neighborhood Battle L.V.B.

Introduction of business problem:

Madrid is the capital city of Spain, one of the famous characteristics of Madrid is its diverse type of restaurant. Furthermore, the density of restaurant in Madrid is significantly high, people can always find what they want to eat around them. It is very convenient, however, it is also a big problem for entrepreneur who wants to open a restaurant in the city Centre due to costs and conglomeration of competence. In this analysis we are going to see which place is ideal to open a new 'Japanese' restaurant. We will combine our analysis with machine learning technique and the map data of Foursquare API and Wikipedia.

Data requirement:

1. Madrid dsitriict data from Wikipedia.
2. Latitude and Longtitude from Geocoder package.
3. Venue related data from Foursquare API.