

Introduction

I am a resident of Germany and would like to return to my home country, India. One of the plans on return is to start a restaurant serving German cuisines. The decision will be taken based on the following criteria:

1. Neighbourhood with other restaurants, this would enable higher visits due to exploring nature of diners
2. One of the main factors for a German restaurant is availability of Beer. Since getting a brewing license is costly. The plan is to source the beer from a micro-brewery in town and be only a sale point.

The focus is on Bangalore, India as city.

“Bengaluru (also called Bangalore) is the capital of India's southern Karnataka state. The center of India's high-tech industry, the city is also known for its parks and nightlife.”

According to a newspaper article in 2016 –

“The city is home to around 200 German companies. An estimated 1,000 Germans live in the city. Karnataka has a tie-up with the German state of Bavaria for co-operation in sustainable agriculture, agricultural engineering, food processing, renewable energy and other allied sectors.”

But the city spots only one German café, and no restaurant in the city.

During this analysis, the following will be done:

1. Scraping the names of the neighbourhood from Wikipedia page
https://en.wikipedia.org/wiki/List_of_neighbourhoods_in_Bangalore
2. The names of the neighbourhoods will be matched with Pincodes in the CSV file
https://github.com/avikannan/Exploring_Bangalore/blob/master/all_india_PO_list_with_out_APS_offices_ver2_lat_long.csv
3. The CSV also contains the geographical coordinates

https://github.com/avikannan/Exploring_Bangalore/blob/master/all_india_PO_list_with_out_APS_offices_ver2_lat_long.csv

4. Foursquare request will be made to collect the venues in the neighbourhoods
5. The top 5 venues in neighbourhoods will be populated
6. A data frame with neighbourhoods where “brewery” and “restaurant” falls under the top 5 venues will be separated
7. The data frame will be clustered to see different cluster.
8. The clusters will be mapped
9. If possible, the Metro transport lines will be mapped to see proximity to Metro Stations too.
10. Based on the outcome the location for the German restaurant will be decided