

Predicting the ranking of Neighborhoods which suits ore for opening an Indian

Restaurant in London

1. Opening a Restaurant at high consumption area is profitable

- Generally the restaurant which are in populous area tend to flourish
- Also if number of same type of restaurant are same then also business flourishes.
- if above 2 combinations are met then 80% of success is guaranteed , that is what various studies have shown.

2. Data acquisition and cleaning:

- coordinates have been taken from geolocator for each neighborhoods.
- Data for Neighborhoods and respective population have been taken from wikipedia which is at https://en.wikipedia.org/wiki/Ethnic_groups_in_London
- Also foursquare api have been used to get venue details
- Unwanted data have been removed .

3. Classification Model

- knn model have been used
- it distributed the Neighborhoods in 4 different clusters

4. Conclusions

- we found the neighborhood which are similar
- we found the ranking of Neighborhoods in terms of recommendation where it will be better to open an Indian restaurant.