

Finding best area to open an Indian Restaurant

Capstone Project - Presentation

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1. Opening a Restaurant at high consumption area is profitable.

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

2. Data acquisition and cleaning:

- Coordinates have been taken from geolocator for each neighborhood.
- 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.