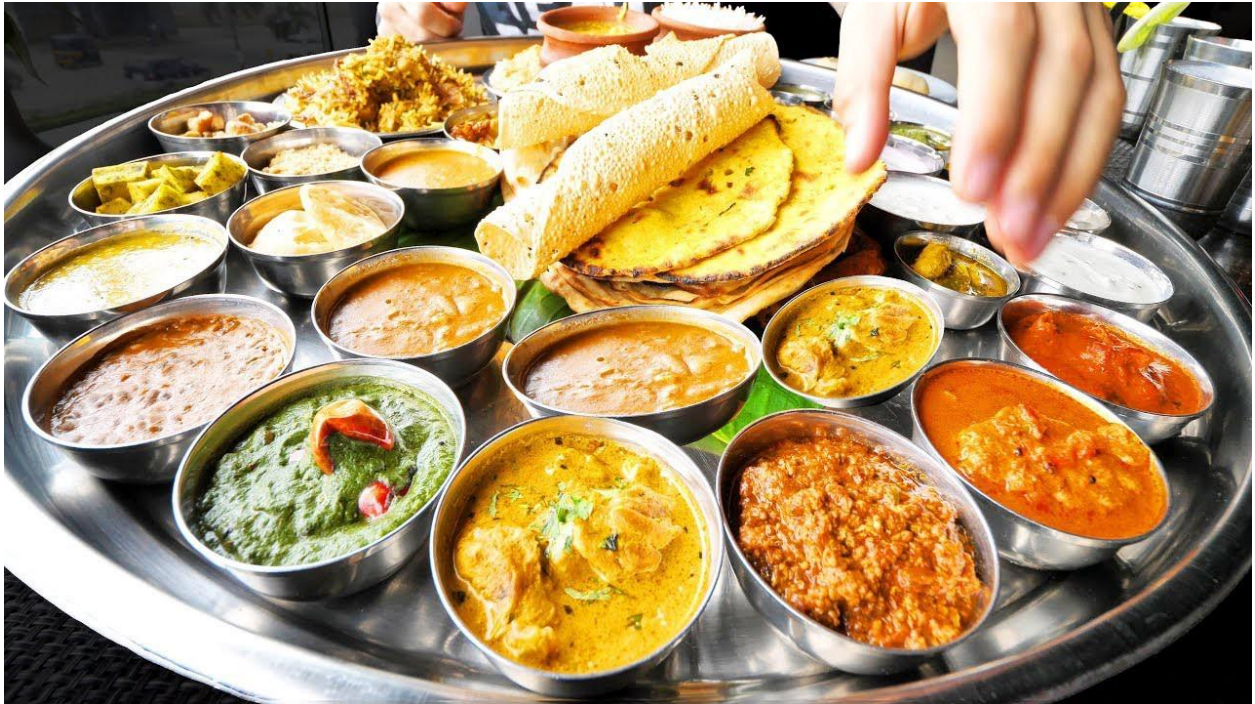


Opening a new authentic Indian restaurant in Queens, NY



Data Section

For this project we need the following data:

1. New York City data that contains Borough, Neighborhoods along with their latitudes and longitudes

- Data Source: https://cocl.us/new_york_dataset

- Description: This data set contains the required information. And we will use this data set to explore various neighborhoods of New York city.
2. Indian restaurants in Queens neighborhood of New York city.
- Data Source: Foursquare API
 - Description: By using this API we will get all the venues in the Queens neighborhood. We can filter these venues to get only Indian restaurants.

Approach

- Collect the New York city data from https://cocl.us/new_york_dataset.
- Using Foursquare API we will get all venues for each neighborhood.
- Filter out all venues which are Indian Restaurants.
- Data Visualization and some statistical analysis.
- Analyzing using Clustering (Specially K-Means):
 1. Find the best value of K
 2. Visualize the neighborhood with several Indian Restaurants.

- Compare the Neighborhoods to Find the Best Place for Starting up a Restaurant.
- Inference From these Results and related Conclusions