

Introduction: Business Problem

- In this project we will try to find an optimal location for a restaurant. Specifically, this report will be targeted to stakeholders interested in opening an Indian restaurant in Manhattan ,New York.
- Since there are lots of restaurants in New York we will try to detect locations that are not already crowded with restaurants. We are also particularly interested in areas with no Indian restaurants.

Data

Based on definition of our problem, factors that will influence our decision are:

- number of existing restaurants in the neighborhood
- number of and distance to Indian restaurants in the neighborhood

Following data sources will be needed to extract/generate the required information:

- Neighbourhood approximate addresses will be obtained using Foursquare API.
- We will use Foursquare to get nearby Restaurants in Neighbourhood.
- We will cluster Neighbourhoods based on number of Restaurants
- After analysing above data we can decide which locations or Neighbourhoods are optimal for starting new Indian Restaurant.