Introduction / Problem Description

To open a new restaurant in a particular area my client wants to know what type of food Restaurant are not present in that area so that he can think of opening a Restaurant of that particular cuisine.

This system will analyse local geographical data via Foursquare and recommends restaurant/eatery type (cuisines) for upcoming eateries and restaurants based on one's neighbourhood preference for a better shot at success. It analyses all the eateries and restaurants in every neighbourhood of a city and then creates a list of top 10 spots (Restaurant/Eatery type) in every neighbourhood displayed in percentages of the total restaurants in that particular neighbourhood.

So my client can use this to see which cuisine based restaurants are lacking or what type of Restaurants are doing well (due to their high number) in which neighbourhoods. He can then make an informed decision and fill the void and have a better chance of establishing a successful business.

For example, suppose Anand who is really passionate about food and different cuisines wants to invest his savings in the restaurants business in New York. Since he wants to make sure a steady Return on his Investment, he takes my help of Data Science to analyse the restaurant data of the New York City. He can get the desired data per every neighbourhood for the entire city and see which cuisine based restaurants are the least in number per neighbourhood or he can simply see the same list for his choice of neighbourhood. Suppose he is leaning towards opening a restaurant in the 'Midtown' area, he then uses my analysis to see which type of restaurants are prevalent in that particular area and in the adjoining neighbourhoods. He observes that among all other cuisines, the area of his choice is lacking 'Mughlai' and a 'Indian' joint. So the analysis helps Anand make a decision on opening the Restaurent.