**Data Science Capstone:**

**Introduction**

New York city demographics show that it is a large and ethnically diverse metropolis. It is the largest city in the United States with a long history of international immigration. New York city was home to nearly 8.5 million people in 2014, accounting for over 40% of the population of New York State and a slightly lower percentage of New York metropolitan area, home to approx. 23.6 million people.

New York city has also been a major point of entry for immigrants: the term “melting pot” was coined to describe densely populated immigrant neighbourhoods on the lower east side. As many as 800 languages are spoken in New York, making it the most linguistically diverse city in the world. English remains the most widely spoken language, although there are areas in the outer boroughs in which up to 25% of people speak English as an alternate language.

They have limited or no English language fluency. English is least spoken in neighbourhoods such as flushing, sunset parks and corona. With its diverse culture, comes diverse food items. There are many restaurants in New York city, each belonging to different categories like Chinese, Indian, and French etc.

**Problem Statement:**

* List and visualize all major parts of New York city that has great restaurants.
* What is best location in New York city for Indian cuisine?
* Which areas have potential Indian restaurants market?
* Which is best place to stay if you prefer Indian cuisine?