IBM Applied Data Science Capstone Project
The Battle of Neighborhood (Part 1)

Introduction:

New York City's demographics show that it is a large and ethnically diverse metropolis. It is the largest city in the United States with a long story of international immigration. New York City was home to nearly 8.4 million people in 2018.

New York City has also been a major point of entry for immigrants; the term "melting pot" was coined to describe densely populated immigrant neighborhoods on the Lower East Side. 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. Muslims specifically, has many restrictions on their diets, so it is important for Muslim to eat halal foods.

Problems:

1. List and visualize all major parts of New York City that has Halal restaurants/food vendors.
2. Which areas have potential Halal restaurant market?
3. Which areas lack Halal restaurants?
4. Which is the best place to stay if you prefer Halal cuisine?