**Coursera Capstone**

**IBM Applied Data Science Capstone**

**Exploring New York’s boroughs to track down the best Japanese Restaurant.**

**Introduction:**

Final project explores the base Japanese restaurant in City of New york.New York City comprises 5 boroughs sitting where the Hudson River meets the Atlantic Ocean. At its core is Manhattan, a densely populated borough that’s among the world’s major commercial, financial and cultural centers. Its iconic sites include skyscrapers such as the Empire State Building and sprawling Central Park. Broadway theater is staged in neon-lit Times Square.

New York City's food culture includes an array of international cuisines influenced by the city's immigrant history. [Central](https://en.wikipedia.org/wiki/Central_Europe) and [Eastern European](https://en.wikipedia.org/wiki/Eastern_European) immigrants, especially [Jewish](https://en.wikipedia.org/wiki/Jewish_Americans) immigrants from those regions, brought [bagels](https://en.wikipedia.org/wiki/Bagel), [cheesecake](https://en.wikipedia.org/wiki/Cheesecake#North_America), [hot dogs](https://en.wikipedia.org/wiki/Hot_dog), [knishes](https://en.wikipedia.org/wiki/Knish), and [delicatessens](https://en.wikipedia.org/wiki/Delicatessens) (or [delis](https://en.wikipedia.org/wiki/Delis)) to the city. [Italian](https://en.wikipedia.org/wiki/Italian_diaspora) immigrants brought [New York-style pizza](https://en.wikipedia.org/wiki/New_York-style_pizza) and [Italian cuisine](https://en.wikipedia.org/wiki/Italian_cuisine) into the city, Japanese immigrants brought Japanese cuisine to New York.

**Business Problem:**

The objective of the Capstone project is to analyse and select the best locations in the City of New York to open a new Japanese Restaurant using Data Science Methodology and instruments such as Data Analysis and Data Visualization.

**Data:**

1. New York City Data Containing the boroughs and Neighborhoods.
2. Latitude & Longitude coordinates of those neighborhoods
3. Venue Data related to restaurants.