Capstone Project - The Battle of Neighborhoods (Part-1)

Introduction/Business Problem:

How to choose the Best Hotel for a family that is going on vacation depending on everyone needs?

Mr X and Mrs Y are taking their kids on a family trip to New York City for one week. For this special weekend everyone wants to do something special they will remember forever. The kids want to go to an exhibit Zoo, Mrs Y wants to be close to a Chinese restaurant and Mr X desires is to be next to gym so he can keep working out even during the family trip. So the family wants a hotel that matches will all their needs. As a data scientist they called me so I can help them to reach their expectations.

What about New York City?

New York City, often called simply **New York** and abbreviated as **NYC**, is the most populous city in the United States. Situated on one of the world's largest natural harbors, New York City is composed of five boroughs, each of which is a county of the State of New York. The five boroughs—Brooklyn, Queens, Manhattan, the Bronx, and Staten Island—were consolidated into a single city in 1898. In its center is Manhattan, a densely populated borough that is one of the main commercial, financial and cultural centers of the world. Its must-see sites include skyscrapers like the Empire State Building and the huge Central Park. The Broadway theater is located in Times Square.

So from what read above about New York City. This is a big city with a lot to offer. So we won't have much problem to resolve Mr. X and Mrs. Y issue. For our datasets we will be using **Foursquare** in order to get the data we need.

Source: https://en.wikipedia.org/wiki/New_York_City