

# Peer-graded Assignment: Capstone Project - The Battle of Neighborhoods (Week 1)

A description of the problem and a discussion of the background.

A travel agency would like to open a new travel package to bring tourists to New York City. Before providing the new package, the travel agency would like to dig deep into New York City since they want to be different from other travel packages, and to provide an in-depth experience to its clients. So, they want to count the venues of each neighborhood and identify some distinct areas and provide a tour guide to walk through some of the areas with clients.

A description of the data and how it will be used to solve the problem.

The map data is available through Foursquare API, and the neighborhood information can be found online through zip code.

Number of restaurants in the neighborhood

Quantity and the distance

Number of restaurants, hotels, parks, gaming centers etc

Data will be extracted from both wiki and kaggle for additional purpose