



# Battle of the Neighbourhoods

City :San Francisco

# Data Source and Overview

We will be using Foursquare API as a reliable source of Location Data of the City, San Francisco.



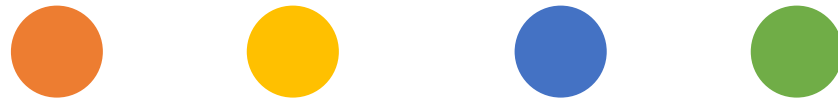
(all rights to logo reserved to [FOURSQUARE.COM](https://foursquare.com))

We aim to make a suitable Scatter Plot of the Nearby Facilities and hence choose an appropriate location for Building the Apartment.

# Data Introduction

We first plan to map the points of all the Hospitals, Restaurants, Gyms and Schools onto a map of San Francisco.

We will then convert those points to form a scatter plot(hopefully marking each type of facility in a different colour).



We will then perform k-means algorithm on the Data and find Suitable Centroids that will hold as Locations for building the apartment