This project is part of the coursera IBM applied data science capstone project

Data

1) Attractions in Singapore
   a. Data.gov.sg: KML file with lat, lon, name and description of attraction
      https://data.gov.sg/dataset/tourist-attractions?resource_id=63389964-629f-42f2-a18f-4e5af0c9cb22

      This Data will be used to show where all the local attractions are. Clustering will be done to this dataset to find which neighbourhood in Singapore the most attractions are located at. This can then be used to find out which neighbourhood is best to stay in during the visit to Singapore

2) Accommodations
   a. Airbnb: dataset consists of listing, calendar, and review data. The listings data consists of data regarding to the accommodations that are listed such as price, ratings, number of rooms and bathrooms, latitude and longitude.
      http://insideairbnb.com/get-the-data.html

      This data will be used for locating which accommodation is best to stay at by narrowing down those in neighbourhoods that are near many attractions, rating, and affordability

3) Activities to do in neighbourhoods
   a. Foursquare API

      Using the foursquare API, a list of things to do in each neighbourhood can be generated, and the best neighbourhood to stay in can be found by looking at the number of unique categories there are in the list

      OR/AND

      This data can be used after locating the best Airbnb accommodations, and coming up with a list of recommended things to do nearby.