The Battle of the Neighbourhoods

- **Introduction & Business Problem**

High-Level Project Scope:

The goal is to build a recommendation system for a traveller/resident decide on which neighbourhood to visit among the available popular locations in Singapore.

Introduction & Business Problem:

Singapore is a diverse, multi-cultural and multi-racial society. It’s an urban jungle and always a challenge for travellers and residents to decide on which place to visit and where to spend time. I would like to use the available data about Singapore to find list of places available in Singapore, explore the places and categorize the venues, select top TWO places and compare the available venues among the places. Singapore weather is also un-predictable and hence it would be of advantage if one understands – what to expect from the Singapore weather for 2hrs & 24hr duration.

Factors to consider:

* Compare the available venues to hangout
* Weather Forecast Information
* Restaurants Recommendations

Data Sources to Consider:

1. OneMap Singapore API
2. FourSquare Singapore API
3. Data Gov Sg API
4. Euclidian Distance Computations

Data Representation:

1. Tables
2. Folium Maps
3. Data Frame Bar Plots

Final Solution:

*Recommend individual Top 2 locations he can visit in Singapore and spend time exploring*