DATA

Based on the definition of our problem, factors that will influence our decision are:

- List of cities in Botswana from **Wikipedia** :
  https://en.wikipedia.org/wiki/List_of_cities_in_Botswana
- Get coordinates for each City by running a geocoding web service (**Nominatim**, which is based on Open Street Map)
- Information about various venues in the city and their ratings using **Foursquare API**:
  https://foursquare.com/

By combining the above data, further analysis will be performed. Correlations between density and all venue categories will be calculated. Charts and Cluster Algorithms will help to find solution to the Business Problem stated to 'Find the best livable cities in Botswana, Africa'.

Our Analysis can only be as good as the data! Botswana is still far behind from other developed countries with tech-savvy people. I have noticed that there are very few businesses registered/ rated on Foursquare compared to the many operating in Botswana.

	Name	District	Latitude	Longitud
0	Gaborone	South-East District	-24.658136	25.9088
1	Francistown	North-East District	-21.166360	27.5025
2	Molepolole	Kweneng District	-24.405803	25.5151
5	Maun	North-West District	-19.986095	23.4224
8	Mogoditshane	Kweneng District	-24.632519	25.8713
3	Serowe	Central District	-22.397760	26.7032
6	Kanye	Southern District	-24.976611	25.3358
4	Selibe Phikwe	Central District	-21.974605	27.8425
7	Mahalapye	Central District	-23.111642	26.8326
9	Mochudi	Kgatleng District	-24.382860	26.1489