## **Description of the Data:**

The following data is required to answer the issues of the problem:

* List of Boroughs and neighbourhoods of Cape town with their geodata
* List of Coffee shops restaurants with their address location
* List of accessible points in Cape town area with their addresses
* Venues for each Cape town neighbourhood

## **How the data will be used to solve the problem**

The data will be used as follows:

* Use Foursquare and geopy data to map top 10 venues for all Cape town neighbourhoods and clustered in groups ( as per Course LAB)
* Use Foursquare and geopy data to map the location of rental places, in some form, linked to the subway locations.
* create a map that depicts, for instance, the spread of coffee shops and restaurants around a radius of 1.0 mile (1.6 km) around each Transportation system so that I will be able to quickly point to the popups to know the overall Accessibility
* Addresses from rental locations will be converted to geodata using Geopy-distance Data will be searched in open data sources if available, from real estate sites if open to reading, libraries or other online sources

The processing of these DATA will allow to answer the key questions to make a decision:

* what is the area of Cape town with best location that meets criteria established?
* Venues distribute among Cape town neighbourhood and around metro stations?