# Data Requirements

In order to determine the best location for the burger restaurant, clustering algorithm will be used to determine suitable neighborhoods where burger restaurants are the least common.

The data will be made of information about restaurant set-up in affluent (middle to upper income) neighborhoods, with a particular interest in the number of burger restaurants.

The following data sets will therefore be required:

1. Neighborhoods in Johannesburg, South Africa
2. Economic data of the neighborhoods (and determination of most of the residence being above the median for low income -R9083)
3. High schools, colleges and clubs in the area
4. Restaurants in a neighborhood, ranked from most to least common

The first dataset listed above can be obtained from Wikipedia, the demographic data (high schools, colleges and clubs.), and the restaurants can be obtained from Foursquare. The economic data of the neighborhoods and will be obtained from [www.statssa.gov](http://www.statssa.gov), which is a government run national statistics website.