Peer-graded Assignment: Capstone Project - The Battle of Neighborhoods (Week 1)

Data Sources

An opensource of data will be used to generate the locality data that will be used to feed into the visual report. This is provided via (https://www.matthewproctor.com/australian_postcodes) and is valid to within the last 180days.

This will be used as the basis to query the Foursquare API(https://api.foursquare.com) to generate all venues within a 2KM radius of each PostCode as defined by its Latitude and Longitude.

The resultant data will be cleansed to remain with venues that could be consider a drinking establishment. Then an appropriate algorithm will be applied to cluster the availability per suburb.

As the foursquare API will be utilised via a free account there will be a limitation on the quantity of results generated. Thus this dataset is a demonstration of the capability and the results are indicative only