Capstone for Foursquare

Keith Goh

December 13, 2019

1   Introduction

I hope to build a simple recommender for Neighbourhoods for locations in Berkeley similar to Singapore. It should take in data about how singapore looks like and return neighbourhoods in berkely that fits the bill.This information will contain features like area density and trending locations in singapore to make it feel just like. The trending locations data will be taken from foursquare places API. It will also contain average cost of living and pop density

2   Data

I will be using data from data.gov.sg for the pricing data as well as foursquare api for the trending data. I will be using foursquare api for trending venues for the category of food. Since singapore is relatively small ,I will just be using the whole of singapore. I will also be downloading data about places using Openstreet Maps via the use of overpass focusing on parks,restaurants and supermarkets.