Analytical view of City of Melbourne and City

Introduction

Background: Melbourne and Sydney are the 2 main cities when living in Australia is considered or analysed. Although there are other beautiful and growing cities in Australia,People outside of Melbourne mainly look at the living standards and day to day life of these 2 cities mainly. Both the cities are similar in natural beauty, resource, places to visit, population, diversity, job opportunity and career opportunities. Yet an analytical view comparing the cities will have a very vast user base. My report will mainly target the migrant population to Australia

Problem: Australia has a very good migration policy and every year Australia accepts nearly 200,000 population as part of skilled migration programs. These people migrating to Australia normally do not have an analytical view of which City they have to land after receiving their permanent residency visa.Normally, these people talk to friends , colleagues and online forums to create an understanding of cities of Australia.

Interest: My analysis will use clustering methods to cluster the suburbs of both the city and display various characteristics of the suburbs in these cities. Readers will be able view data for schools, restaurants, playgrounds, places to visit and jobs created for major suburbs in these cities and create a perspective of both the city on their own. This analytical view will not give an idea of which city is better rather this report will only provide a visual analysis of the major suburbs of the city and leave it to the reader to create a perspective.

Data Acquisition

I would be mostly working on the below dataset and as I start developing all the analytical view would add any other required data:
Suburb Coordinates: I am planning to do some web scraping to find the coordinates for Suburbs of Melbourne and use the kaggle dataset for Sydney suburbs : Sydney Suburb Coordinates.
Suburb Characteristics: Suburbs and it's nearby venue information will be fetched from foursquare places API.
Jobs: I have also downloaded a kaggle dataset(Seek Job Listing Dataset)for the jobs created in Australia.
Migration: I have got migration data from Australian government website: Aus Gov Migration Data . This will be used to showcase the migration analysis and trends.