

Capstone Project – The Battle of Melbourne’s Neighborhoods

Data Section

To solve the above problems, we will require following data –

- All the suburbs of Melbourne, Australia. The list is spread in following two pages which can be obtained by page scraping -
Source –
a)
https://en.wikipedia.org/w/index.php?title=Category:Suburbs_of_Melbourne&pageuntil=Keilor%2C+Victoria%0AKeilor%2C+Victoria#mw-pages
b)
https://en.wikipedia.org/w/index.php?title=Category:Suburbs_of_Melbourne&pagefrom=Keilor%2C+Victoria%0AKeilor%2C+Victoria#mw-pages
Description – As the list of suburbs is not readily available in any place, it must be scraped out of Wikipedia page. This information has to be refined to be used later on.
- Latitude and Longitude details of all the suburbs.
Source –
<https://geocoder.readthedocs.io/>
or
<https://gist.github.com/randomecho/5020859>
Description - Latitude and Longitude details can be obtained using geocoder. But since it is unreliable, we can even use the data from git to obtain it.
- Existing Indian Restaurant details – location, Ratings, Reviews etc. in and around Melbourne Area
Source – FourSquares API
Description – Using the above FourSquares APIs and passing the correct inputs, details like location, ratings, reviews can be obtained