2. DATA DESCRIPTION

2.1 NEIGHBORHOOD

Understanding of the neighborhood of the hometown and job location is essential for solving this problem. First hometown is chosen to be Chennai city, India, where Adyar and Kodambakkam are chosen to be zones of importance. Second the job location is chosen to be Bangalore, India, where zones of interest will be obtained in such a way that they are within 10 Km range from the office location of Whitefield area. Once the zone information of the cities are identified it is equally important to obtain the latitude and longitude geographical coordinates of the zones. After obtaining all relevant information, neighborhood of each zone is explored using Foursquare API. Later the neighborhood information is analyzed for similarities and differences. Finally an appropriate neighborhood in the job location similar to hometown is chosen based on the analysis results.

2.2 DATA SOURCE

Zone information is obtained from Wikipedia pages –

- https://en.wikipedia.org/wiki/List_of_Chennai_Corporation_zones
- https://en.wikipedia.org/wiki/List_of_wards_in_Bangalore

Geographical coordinate information is obtained from –

- https://indiamapia.com/Chennai.html
- https://indiamapia.com/Bangalore.html

Zonal and geographical information for important regions mentioned in this project are not readily available for direct usage. Hence, the date from the above mentioned pages are gathered and combined appropriately to be used in this project.