

2. DATA DESCRIPTION

To consider the problem the data can be listed as below:

I found the list of 41 Boroughs and 100 Neighborhoods of Pune city from the Pune Municipal Corporation (PMC) official website. I cleaned the data and reduced it to 84 Neighborhoods by removing the Neighborhoods whose areas are partially included in the Pune city. I could not find the geojson file of administrative divisions data of Pune city from any of the available repositories. So, I used Google Map, 'Search Nearby' option to get the centre coordinates of the each Borough and Neighborhood. I prepared a csv file for each Borough and Neighborhood along with their location coordinates such as Latitude and Longitude.

I used Foursquare API to get the most common venues of given Borough and Neighborhood of Pune city.

There is not many public data related to demographic and social parameters for the Pune city. Therefore I had to set-up my own data tables in most cases. In this case, I collected latest per square feet Housing Sales Price (HSP) Averages for each Borough and Neighborhood of Pune city from housing retail website.

I cleaned the data and reduced it to Pune city where I used it to create bar map of Housing Sales Price Index of Pune city.