# **Data Description**

Data for this project was collected from various sources which are listed below:

* Wikipedia: The list of neighbourhoods in Bengaluru was web scraped from Wikipedia. A few more neighbourhoods were also added as the list gathered missed some localities in Bengaluru.
* Google: Initially the library ‘Nominatim’ was used to fetch the geographical co-ordinates of neighbourhoods, but it was observed that some results were incorrect. Geographical co-ordinates of a few neighbourhoods were checked from Google and were found to be more accurate. Subsequently, a small process was developed in the RPA tool UiPath which picked neighbourhood names from a CSV file, fetched their respective co-ordinates from Google search and populated them back in the file.
* Foursquare: Details of venues in the neighbourhoods were gathered using Foursquare APIs.
* Makaan.com: The dataset of cost of buying an apartment in various neighbourhoods was web scraped from the website Makaan.com.
* 99acres.com: This website to fill in the values missing in the dataset prepared from Makaan.com.