Data Collection:

The data required for this project is mentioned below and the data has been collected primarily from Wikipedia, Foursquare API and Python Libraries.

1) Different Areas of Chennai – Wikipedia

2) Coordinates of Chennai and all of its neighbourhoods – Python Geocoder

3) Venue data of all the neighbourhoods – Foursquare API

The data of the Areas of Chennai was collected from Wikipedia using the following link:

https://en.wikipedia.org/wiki/Areas_of_Chennai#:~:text=The%20city%20of%20Chennai%20is,zones%2C%20consisting%20of%20200%20wards.

Web Scrapping using beautiful soup library in python was used to collect the data. We will then use Python Geocoder library to gather the coordinates of all the areas extracted and use those coordinates to fetch all the Venue information using Foursquare API.