

Data section

To help complete this project the location data of Chennai city is needed. The latitudes and longitudes of all the places in Chennai is needed. The latitudes and longitudes of each place in Chennai can be taken from the python pgeocode library. This library returns the location details if given the pincodes of the areas. The pincodes of Chennai city are available in many websites. In this project the pincodes are taken from the following website url by web scraping.

<https://www.mapsofindia.com/pincode/india/tamil-nadu/chennai/>

After getting the location details, the venues and places in those locations are obtained using the Foursquare API. A Foursquare account is created, the access token and credentials are also obtained which will be used in the project to make requests to the API.