

Data Sources

Following data is used

- 1) Pin code Data of various locations has been sourced from Indian government data.gov.in and Indian post website. However, for many locations geo spatial data was not available. Hence co-ordinates data has been taken from the following website

<https://data.gov.in/resources/all-india-pincode-directory-contact-details-along-latitude-and-longitude>

www.indiapost.gov.in/

- 2) For Co-ordinates data following global geo data has been used. The data is in Raw format and hence it has been converted to csv format

<http://www.geonames.org/>

- 3) Finally Foursquare has been used to obtain venues from the latitude-longitude data obtained. Foursquare data found to be reliable, however the limitation of no. of queries per day posed a challenge while developing the project. Hence data has been acquired from Foursquare in optimized manner by careful planning of querying. When the query limit is reached and the communication interrupted, Client-Secret has been resettled and new client secret has been used

<https://foursquare.com/developers/apps>