**Identifying a suitable location for opening a Restaurant**

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**2. Data Analysis:**

We need to know

(i) the locations which are crowded with IT companies

(ii) need to find the center location of the locations having IT companies

(iii) no.of Andhra restaurants available in the location

**2.1 Data Sources:**

**List of IT companies** in Chennai have been taken from the below site and stored the required information in a Dataframe.

<https://en.wikipedia.org/wiki/List_of_tech_parks_in_Chennai>

**For location informaton, Used FourSquare data.**

**2.2 Data Cleanup:**

(a) There were few companies for which location information was empty, removed them from the list as it would not be useful for our analysis

(b) There were few companies which were having the street name, but location information was not available, removed it from the list

(c) Location column had full address and phone number, as these information are not requied for our analysis and this would error out while finding out the lattitude and longtitude, have removed them from the unnecessary information from the location column

(d) There was one record which was not having Company name, removed it from the list as we are not sure if it is an IT company