

**'Pubs & Breweries etc' near Top 10
Software (IT) Parks in Bangalore,
India.**

Capstone Project Coursera

Finding Pubs near to 10 IT Parks in Bangalore

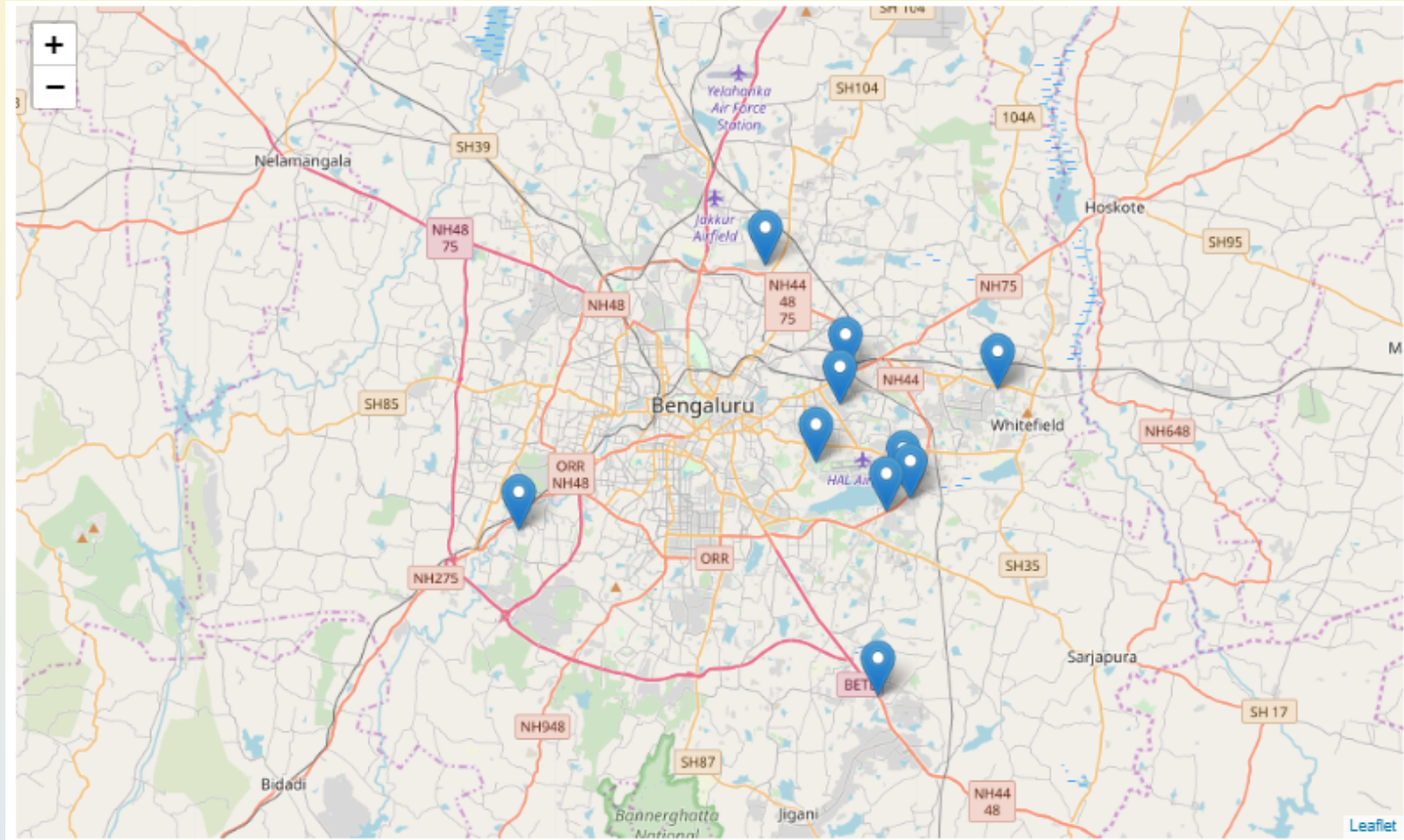


- Attempting to find Pubs/Breweries near Top 10 Software IT Parks in Bangalore within a walking distance of 3 kilometres.

Top 10 Tech Parks with coordinates

Name of Tech Park	Longitude	Latitude
Electronic City	77.6770	12.8399
Bagmane Tech Park	77.6581	12.9785
Manyata Tech Park	77.6221	13.0448
International Tech Park	77.7354	12.9858
Prestige Tech Park	77.6889	12.9398
RMZ Infinity	77.6611	12.9941
Ecospace Business Park	77.6810	12.9275
Global Village Tech Park	77.5014	12.9188
Embassy GolfLinks Business Park	77.6465	12.9513
Embassy TechVillage	77.6925	12.9339

Map Location of Tech Parks



Data Acquisition and Cleaning

- Data obtained from the following links:

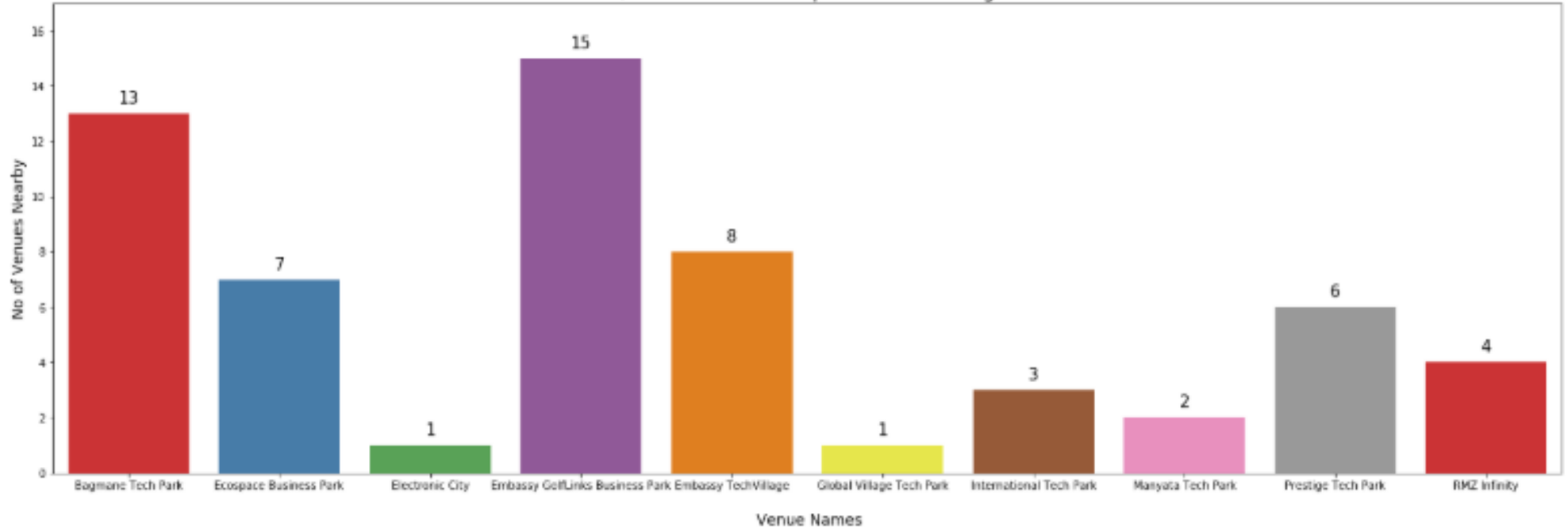
<http://www.walkthroughindia.com/walkthroughs/10-amazing-software-technological-parks-in-bengaluru/>

https://www.tripadvisor.in/Tourism-g297628-Bengaluru_Bangalore_District_Karnataka-Vacations.html#photos;aggregationId=&albumId=101&filter=7

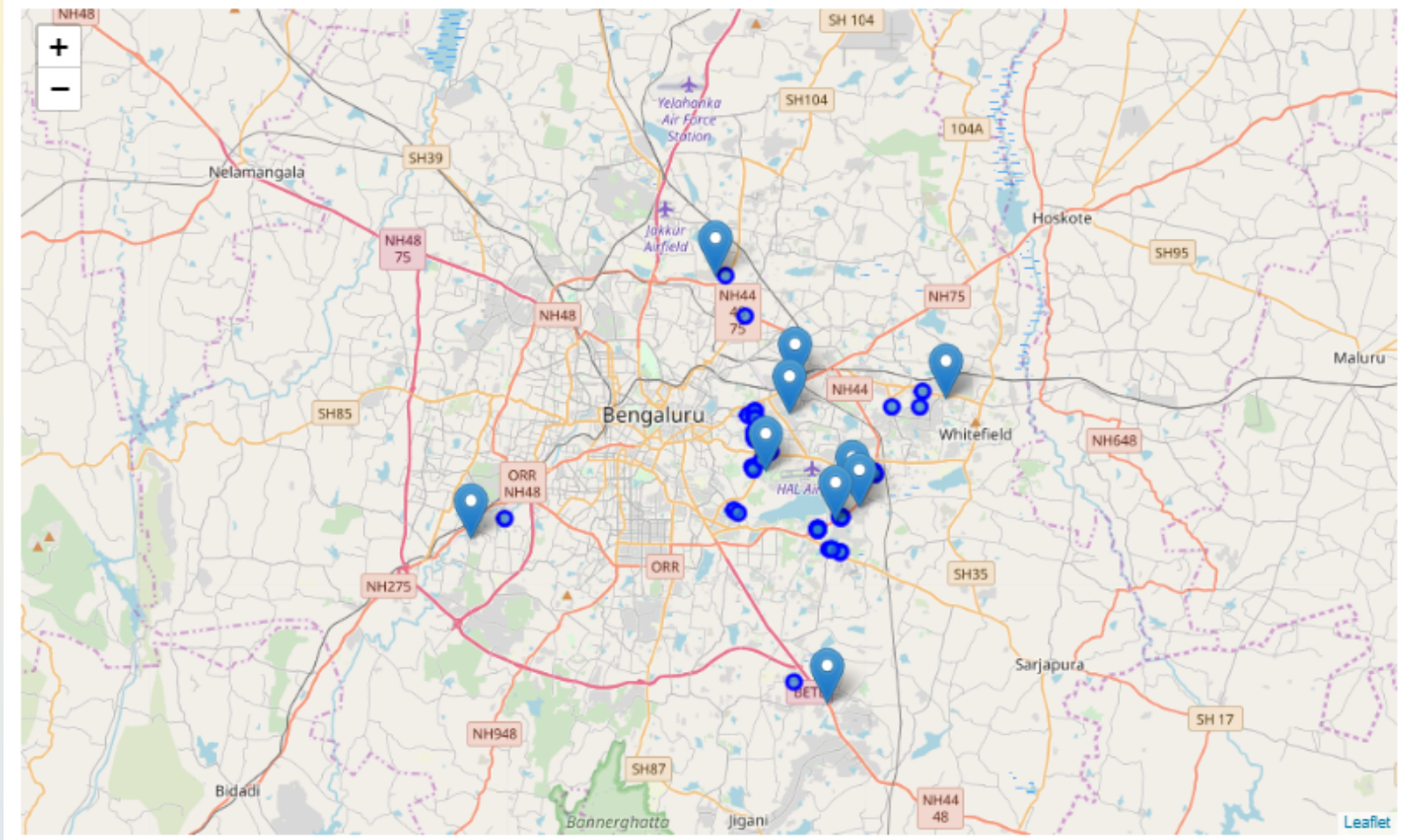
- Performed Web scraping, data munging.

Pubs, Breweries, Bars etc near IT Hubs

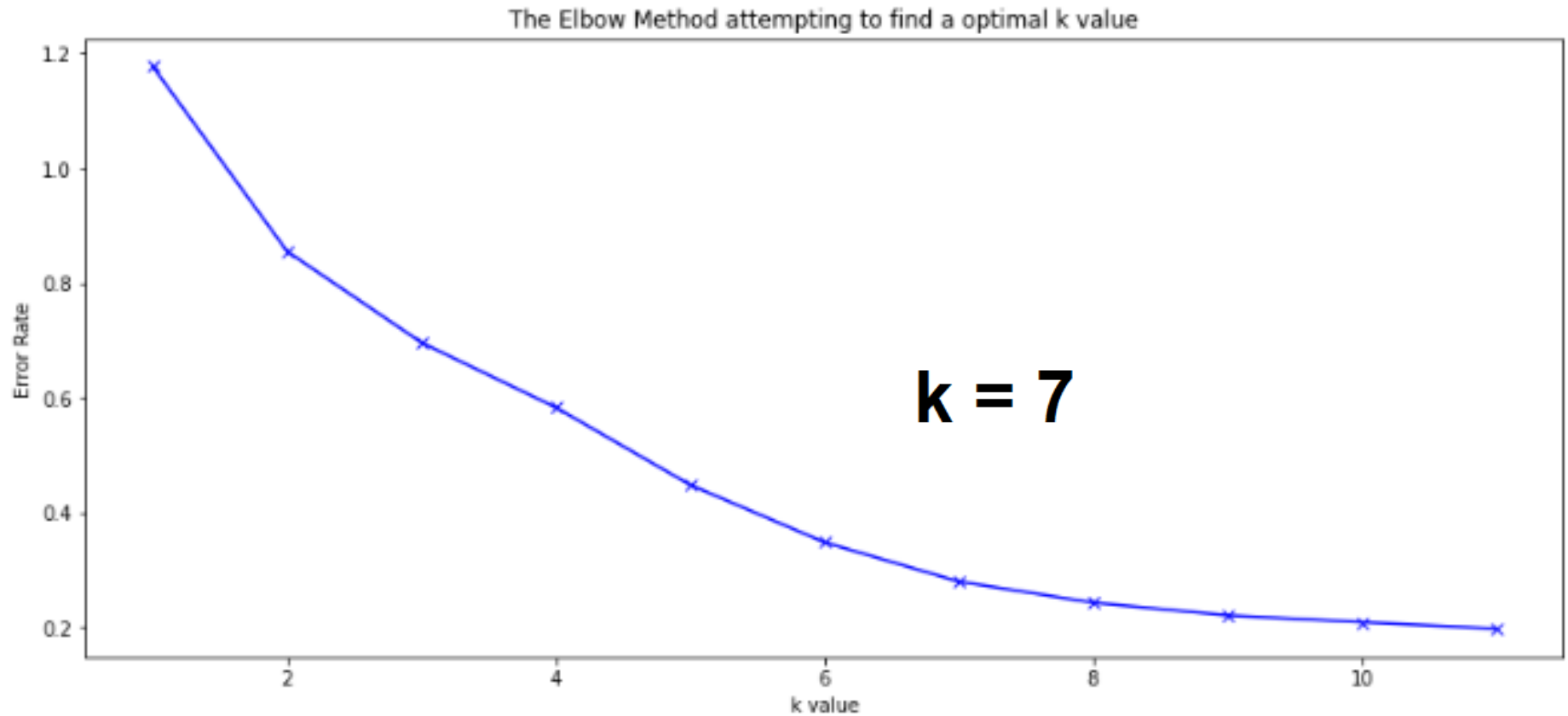
Pubs / Breweries near Top 10 IT Parks Bangalore



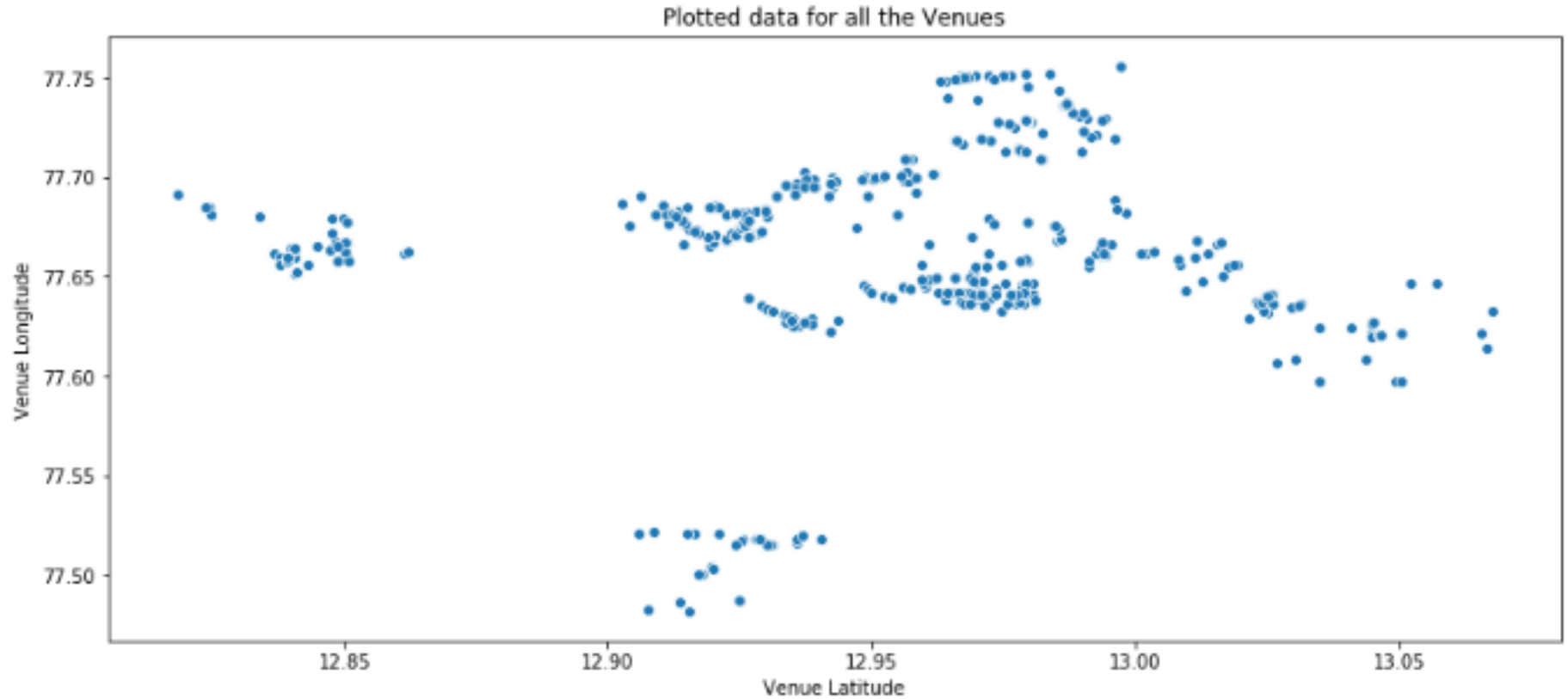
Pubs near Hubs!



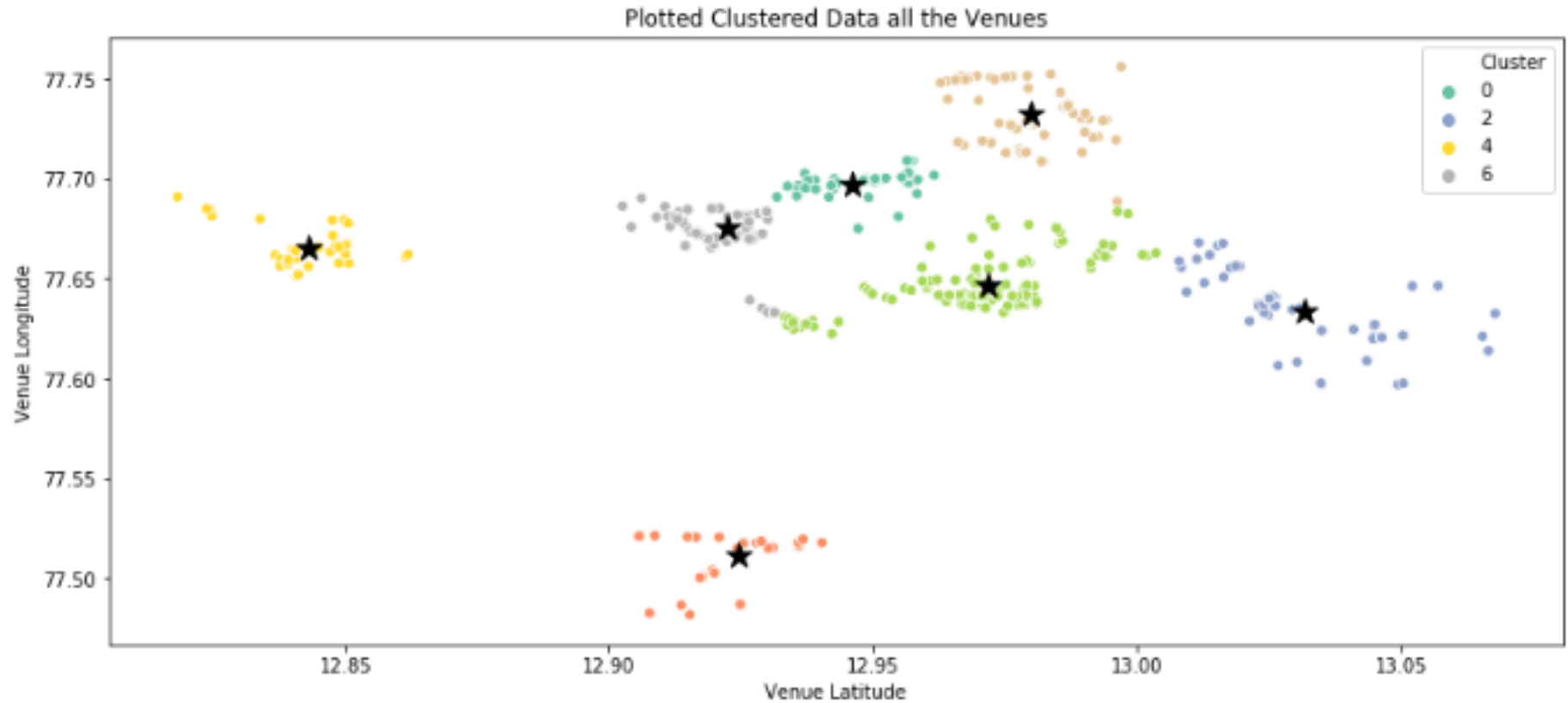
K - Means Finding k value



Before K Means Clustering



After K Means Clustering



Conclusion

- 'Embassy Golf Links Business Park' has most options available to hang out with friends post work (for grabbing a beer etc) while 'Global Village Tech Park' & 'Electronic City' has least no of options available within the 3km Radius.
- K Means clustering can be utilized to create Clusters for a given dataset.

Project Capstone Concluded.

