CAPSTONE PROJECT:

FIND THE KEY AREAS TO DO BUSINESS IN BANGALORE, INDIA.

DATA:

- **In this Capstone I am trying to list out the top 5 places in popularity in Bangalore, INDIA. Popularity is defined by:**
  - **clusters of number of venues present within vicinity**
  - **number of houses present in that area – Which gives a rough estimate of the working people present in that area.**
- **I will be using the data from:** https://raw.githubusercontent.com/suvajit/opendata/master/BBMP/data/CSV/BBMPwards.csv

- **A snip of the Dataframe:**

OBJECTID	ASS_CONST_	ASS_CONST1	WARD_NO	WARD_NAME	TOT_HH	POP_TOTAL	POP_M	POP_F	POP_SC	POP_ST	POP_LIT	POP_WORK
186	150	Yelahanka	1	Kempegowda Ward	8647	34783	18197	16586	2816	1097	27748	14794
1	150	Yelahanka	2	Chowdeswari Ward	9506	36602	19060	17542	3941	810	27160	16865
2	150	Yelahanka	3	Atturu	14605	58129	30799	27330	6480	1859	46738	23818
3	150	Yelahanka	4	Yelahanka Satellite Town	10583	41986	21799	20187	6319	1065	33599	17722
13	152	Byatarayanapura	5	Jakkuru	12387	52025	27269	24756	6423	973	37879	20445

- **Description of the column names are as follows:**
  - `ASS_CONST_` **– Constituency Number**
  - `ASS_CONST1` **– Constituency Name**
  - `WARD_NO` **– Ward #. (Wards exist within Constituency, like an area)**
  - `WARD_NAME` **– Name of the WARD**
  - `TOT_HH` **– Total houses present in that area**

- POP_TOTAL– Total population in that area
- POP_M– Total Population male
- POP_F– Total Population Female
- POP_SC– Total population of Scheduled Caste community
- POP_ST- Total population of Scheduled Tribe community
- POP_WORK– number of people who are working
- AREA_SQ_KM- Area of the WARD/AREA in sq KM.
- LAT – Latitude of the WARD/AREA
- LON – Longitude of the WARD/AREA
- RESERVATIO – majority of the people present here fall under which reservation category. “General” means that they do not fall under any reservation.

- **NOTE: The data provided belongs to a CENSUS done in 2000.**
- **I am using the GeoJSON file from: https://raw.githubusercontent.com/openbangalore/bangalore/master/bangalore/GIS/bangalore_pincode.json**
- **For finding the neighbouring venues I am using the api provided by Foursquare.**