

**CAPSTONE PROJECT:  
FIND THE KEY AREAS TO DO  
BUSINESS IN BANGALORE, INDIA.**

# CENSUS DATA

<https://raw.githubusercontent.com/suvajit/opendata/master/BBMP/data/CSV/BBMPwards.csv>

D_NO	WARD_NAME	TOT_HH	POP_TOTAL	POP_M	POP_F	POP_SC	POP_ST	POP_LIT	POP_WORK	AREA_SQ_KM	LAT	LON	RESERVATI
1	Kempegowda Ward	8647	34783	18197	16586	2816	1097	27748	14794	10.47	13.116188	77.599714	Backwa Category -
2	Chowdeswari Ward	9506	36602	19060	17542	3941	810	27160	16865	7.06	13.121709	77.580422	Gener
3	Atturu	14605	58129	30799	27330	6480	1859	46738	23818	10.15	13.102805	77.560038	Gener (Wome
4	Yelahanka Satellite Town	10583	41986	21799	20187	6319	1065	33599	17722	4.90	13.090987	77.583925	Backwa Category -
5	Jakkuru	12387	52025	27269	24756	6423	973	37879	20445	23.96	13.096250	77.623314	Gener (Wome

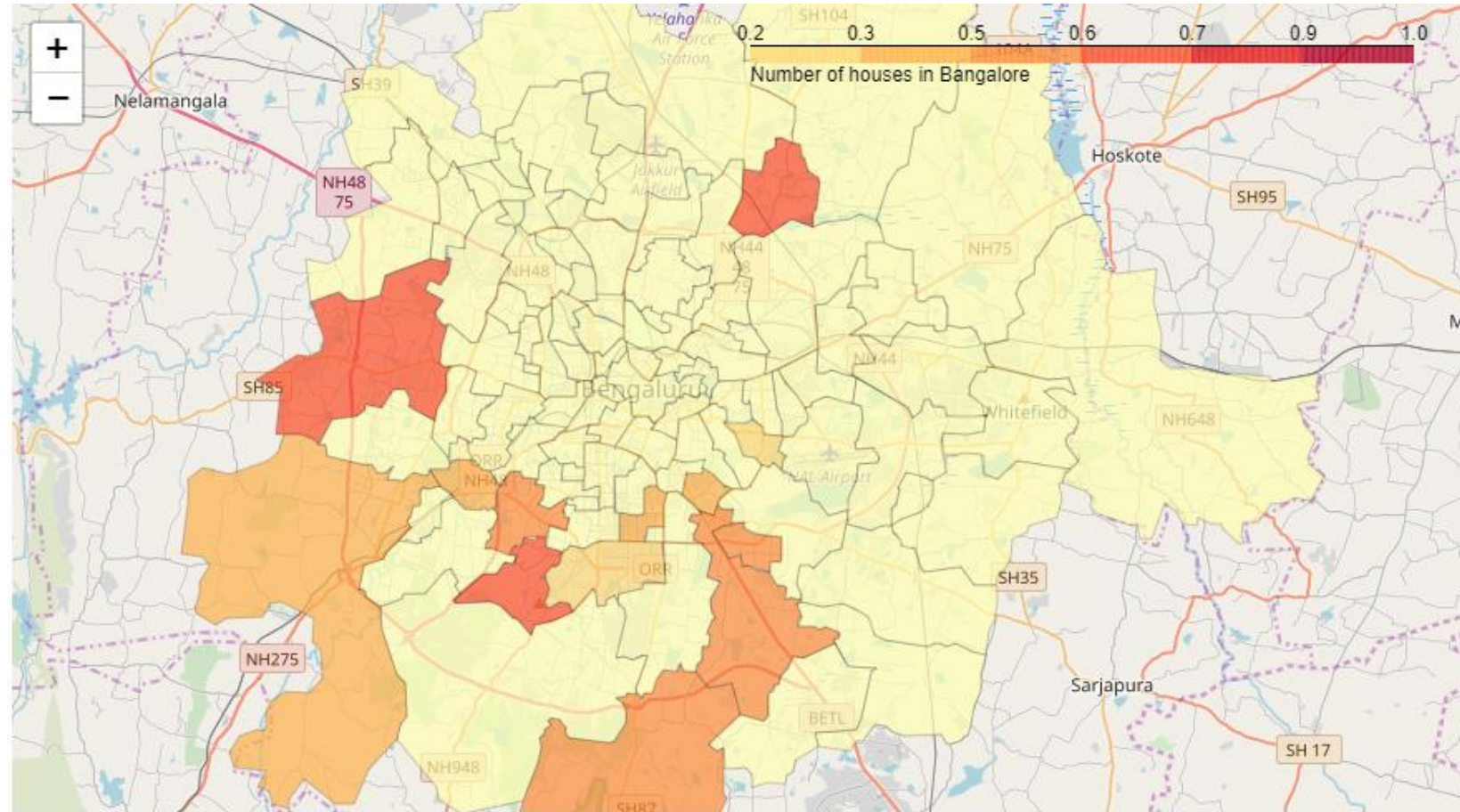
Top 5 rows only

# Data wrangling

	WARD_NO	Neighborhood	TOT_HH	LAT	LON
0	1	Kempegowda Ward	0.360307	13.116188	77.599714
1	2	Chowdeswari Ward	0.396100	13.121709	77.580422
2	3	Atturu	0.608567	13.102805	77.560038
3	4	Yelahanka Satellite Town	0.440977	13.090987	77.583925
4	5	Jakkuru	0.516147	13.096250	77.623314

Top 5 rows only

# Plotting with data we have now



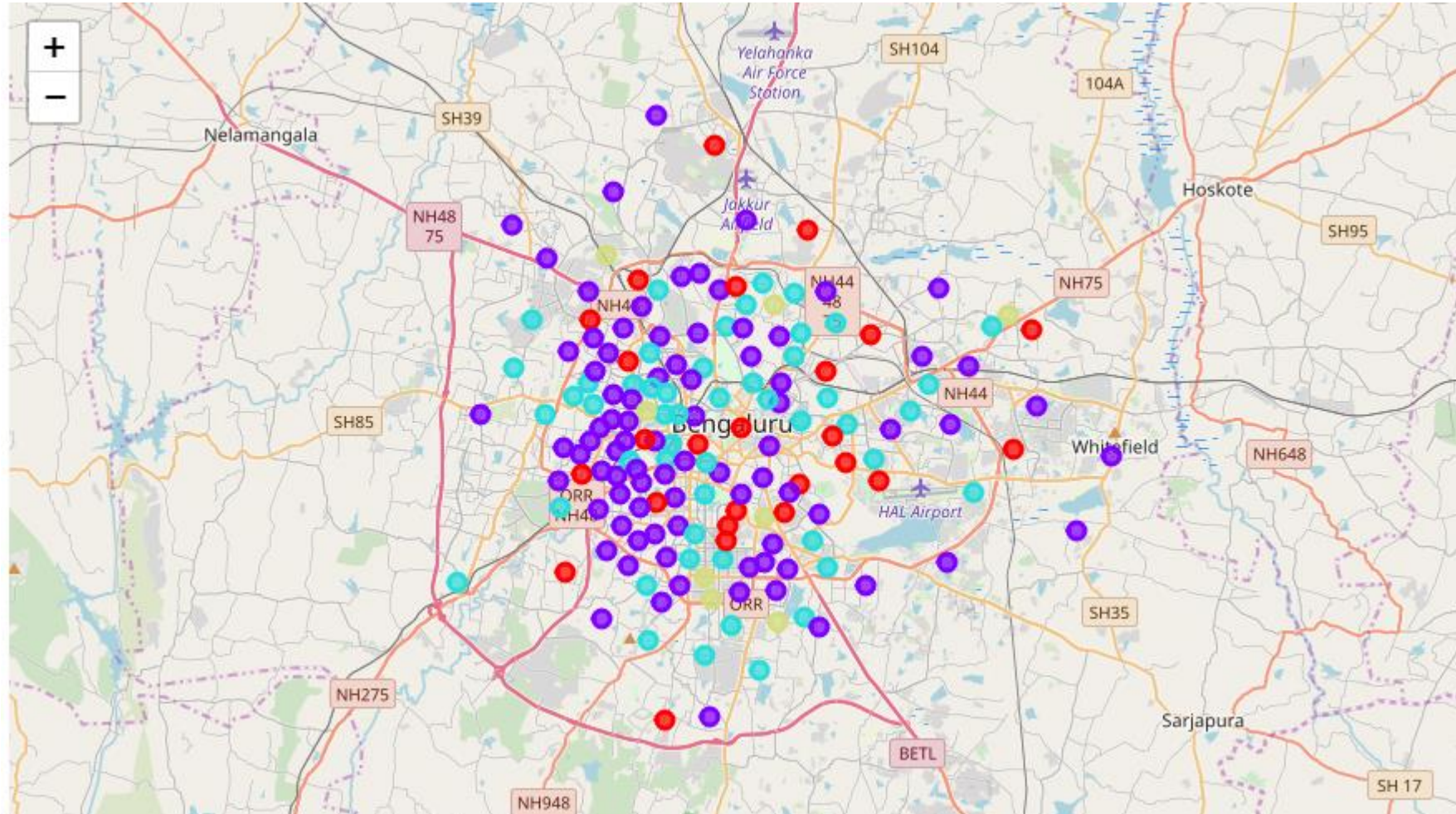
# Data got from Foursquare API

	name	categories	lat	lng
0	UB City	Shopping Mall	12.971815	77.595878
1	Toscano	Italian Restaurant	12.971980	77.596066
2	Skye	Lounge	12.971646	77.596242
3	J W Kitchen	Asian Restaurant	12.972410	77.594592
4	Café Noir	French Restaurant	12.971995	77.596001

Top 5 rows only



# After Clustering



# BEST AREAS

