

Relocation is always a challenge, a lot of external parameter need to be revisited, compared and analysed to best suite individual needs and budget.

Following parameter will be compared between Mumbai and Bangalore within India.

- Cost of items when buying from Market
- Cost when visiting Restaurant
- Health Care Cost
- Child Care Cost
- Level of Pollution and Crime rate.

Apart from the above parameters, rental accommodation and cluster wise venue. We will considering accommodation close to city where is there a huge job potential.

Data Source

For Market, Restaurants, Health care, Transport, Pollution and Crime retrieved the data from numbeo.com .

In total 3 features and 50 rows

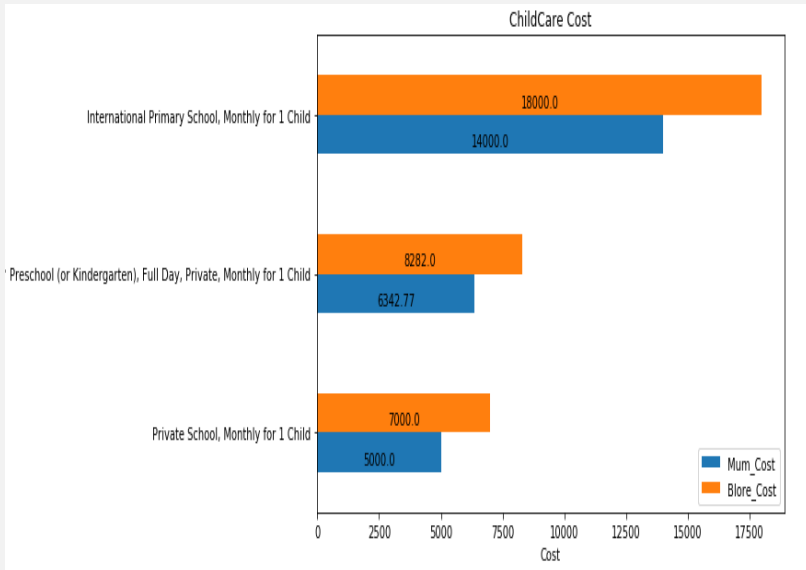
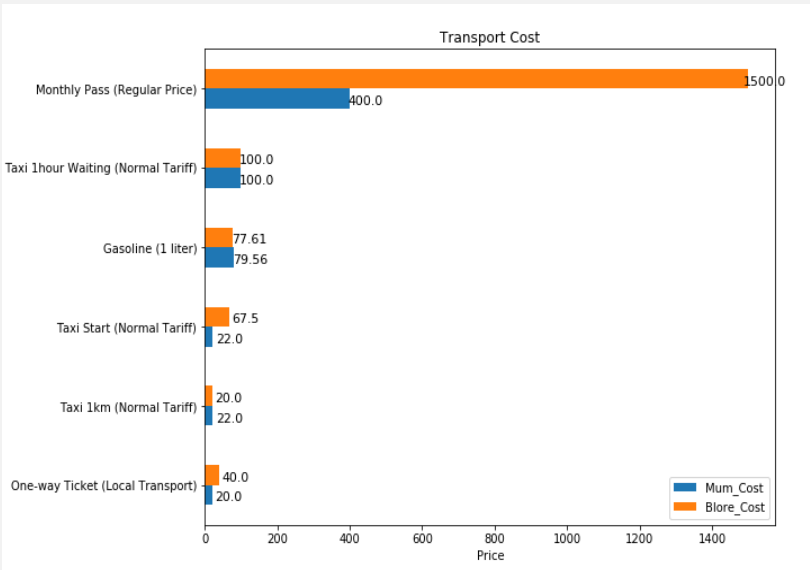
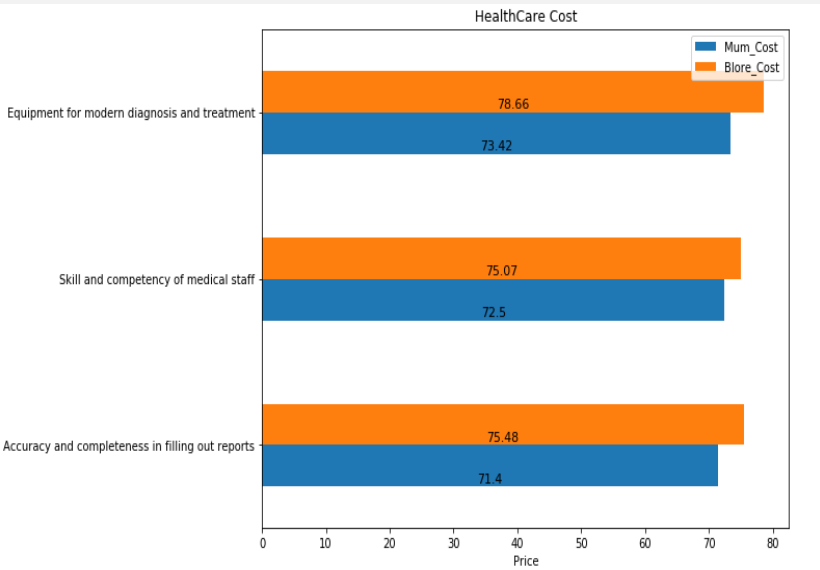
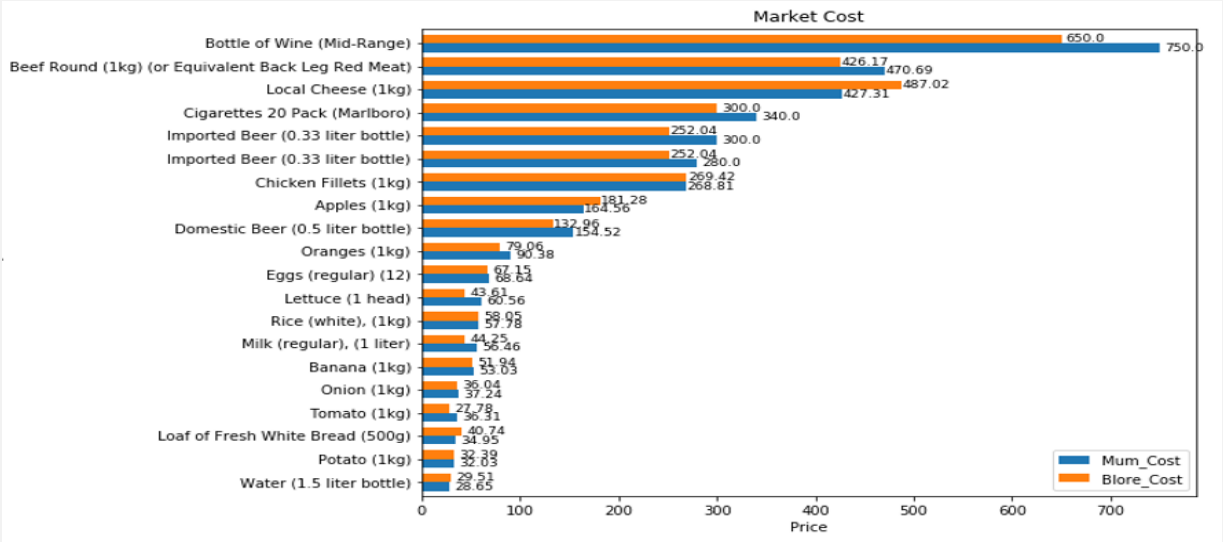
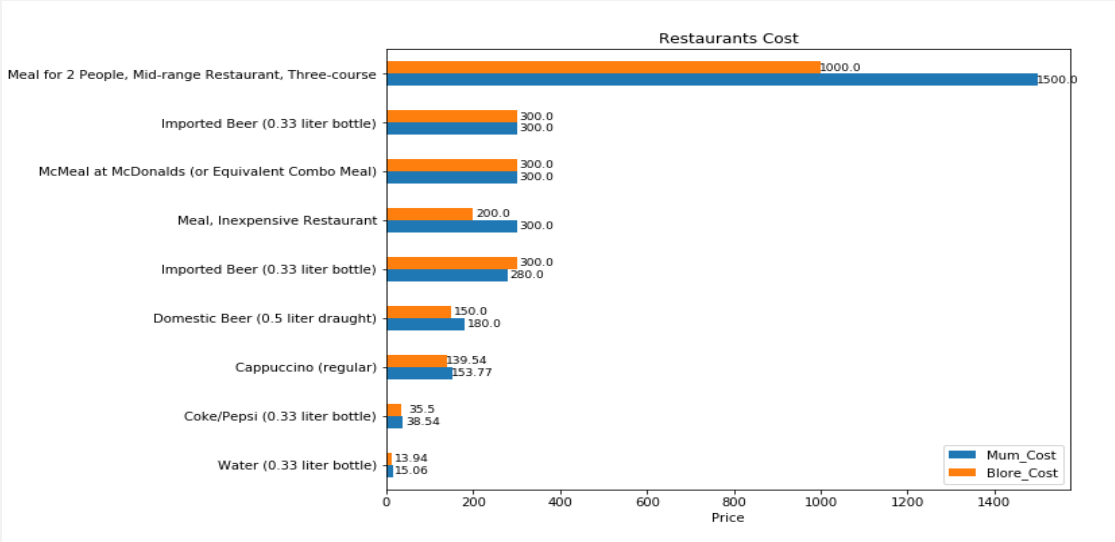
For properties in Bangalore and Mumbai scrubbed the data from [Magicbricks](#).

In total 18 rows and 6 features.

For displaying venue details will be using FourSquare.

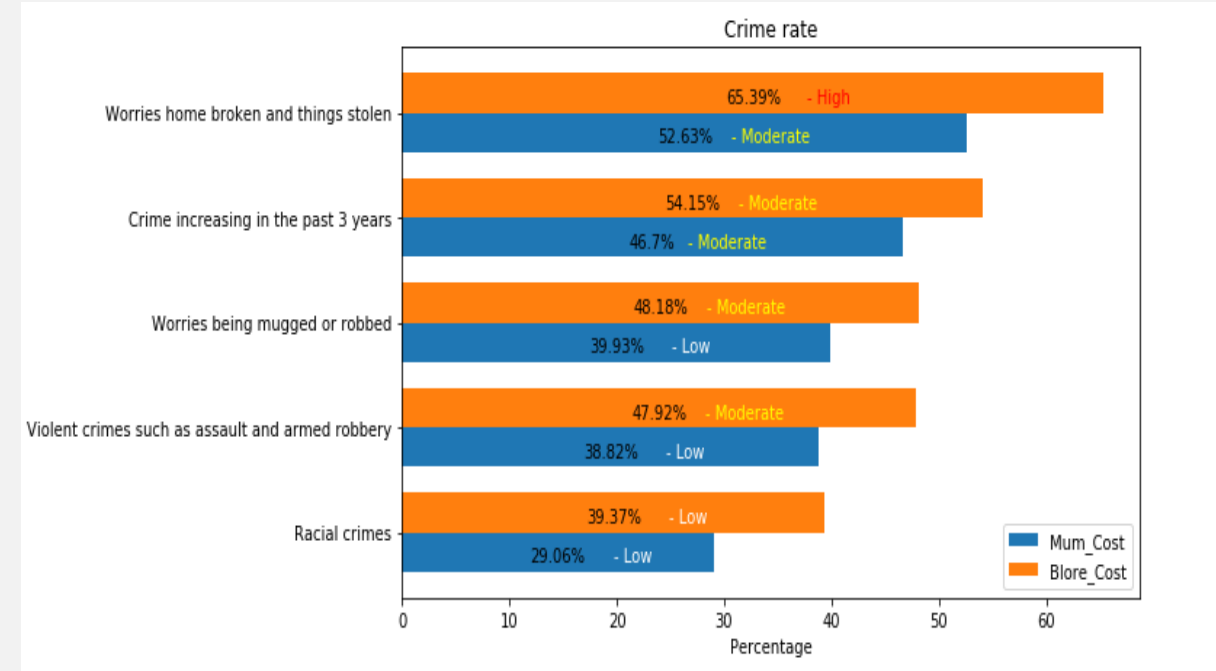
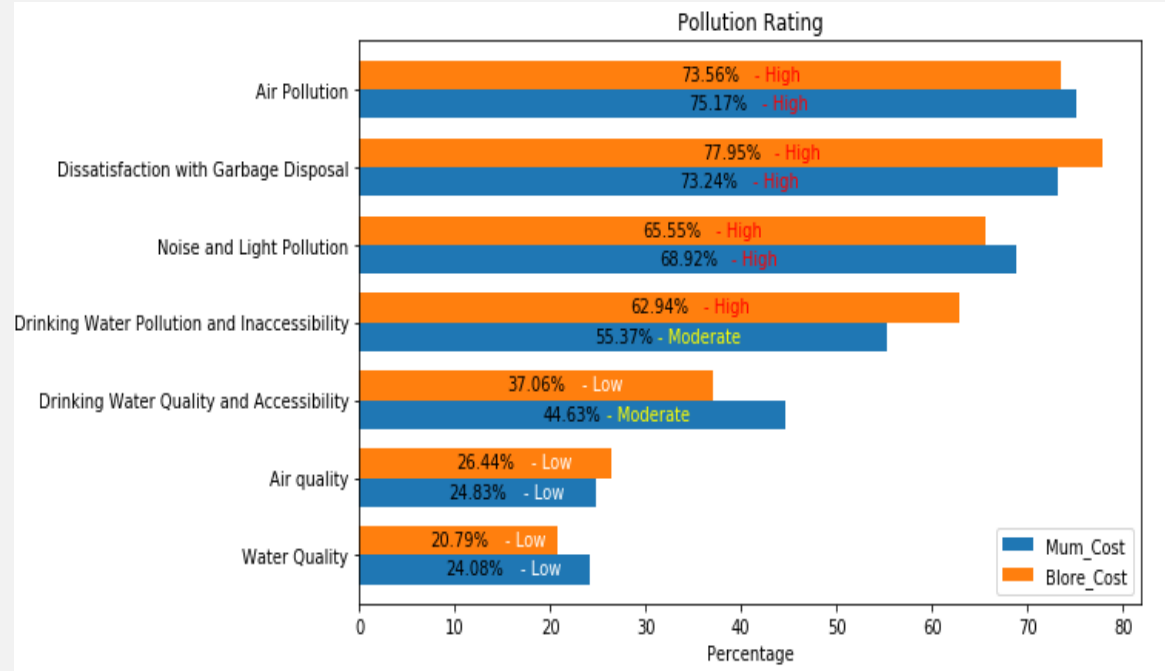
Data Visualization of Cost of Living parameters

Bangalore has an edge over Mumbai by a 1% based on cost differentiation for each items combining all the thresholds.



Data Visualization of Pollution and Crime rate

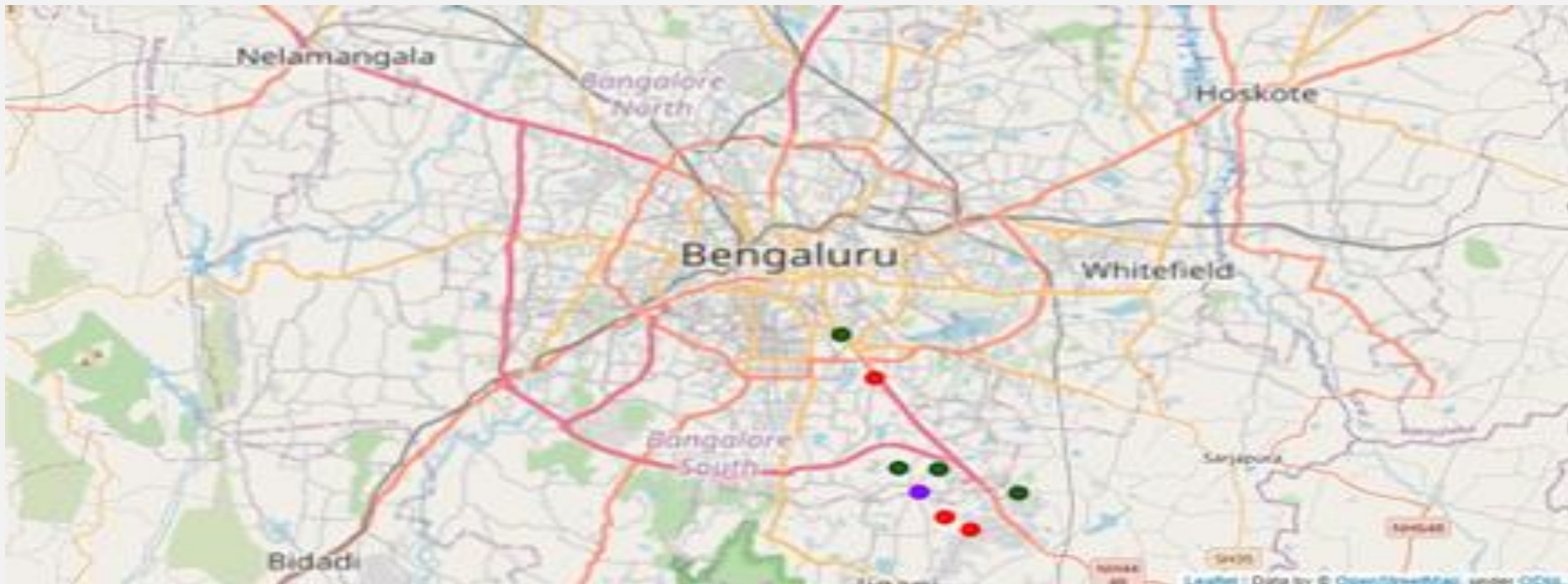
On Crime and Pollution rate both the cities are on similar threshold with crime been comparatively low for Mumbai and pollution high in both the cities.



Rental accommodation for Bangalore

The rental accommodation is near Electronic city within 8KM radius.

- Cluster 0 color red the range of property is 19000.0 - 20000.0
- Cluster 1 color purple the range of property is 23667.0 - 23667.0
- Cluster 2 color red the range of property is 17333.0 - 18333.0



Top 5 Venue details based on Neighbourhood, Cluster for Bangalore

	Neighborhood	Cluster	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue
1	Begur Road	0	Tea Room	Asian Restaurant	Auto Garage	Mobility Store	Hotel
4	Maragondanahalli	0	Fruit & Vegetable Store	Restaurant	Women's Store	Comfort Food Restaurant	Food Court
5	Neeladri Nagar	1	Department Store	Indian Restaurant	Snack Place	Kerala Restaurant	Multicuisine Indian Restaurant
0	Ananth Nagar	2	Women's Store	Department Store	ATM	Sports Bar	Gaming Cafe
2	Doddathoguru	2	Asian Restaurant	Gym	Indian Restaurant	Food	Cosmetics Shop
3	Hosur road	2	Indian Restaurant	Chinese Restaurant	Fast Food Restaurant	Café	Lounge

Rental accommodation for Mumbai

The rental accommodation is near Bandra Kurla Complex within 6KM radius.

- Cluster 0 color red the range of property is 50667.0 - 65667.0
- Cluster 1 color purple the range of property is 85000.0 - 90000.0
- Cluster 2 color green the range of property is 32333.0 - 41000.0



Top 5 Venue details based on Neighbourhood, Cluster for Mumbai

	Neighborhood	Cluster	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue
1	Kalanagar	0	Restaurant	Indian Restaurant	Brazilian Restaurant	Sports Club	South American Restaurant
2	Khar east	0	Indian Restaurant	Bar	Lounge	Pub	Nightclub
4	King Circle	0	Mughlai Restaurant	Middle Eastern Restaurant	Flea Market	River	Indian Restaurant
8	Vakola	0	Chinese Restaurant	Seafood Restaurant	Bakery	Indian Restaurant	Thai Restaurant
0	BKC	1	Bar	Coffee Shop	Indian Restaurant	Chinese Restaurant	Thai Restaurant
3	Kherwadi	1	Indian Restaurant	Café	Diner	Pizza Place	Thai Restaurant
5	Mahim East	2	Indian Restaurant	Dessert Shop	Arcade	Asian Restaurant	Café
6	Sakinaka	2	Hotel	Hookah Bar	Coffee Shop	Thai Restaurant	Grocery Store
7	Tilak Nagar	2	Indian Restaurant	Fast Food Restaurant	Playground	Italian Restaurant	Chinese Restaurant
9	Vidyavihar	2	Fast Food Restaurant	Indian Restaurant	Bar	Cricket Ground	Juice Bar

Conclusion

Purpose of this project was to identify which city would be good for relocation based on parameters like Cost of living(Market, Restaurants, Child care,Transport. Healthcare), Pollution and Crime.

Compare each parameter for the location using horizontal bar.

This also considers rental accommodation and venue details within those neighborhood close to Job cities.The rental rates are clustered based on average rental cost.

These clusters will act as a guide to the user for rental accommodation based on their budget.

There is room for improvement for instance parameter like accessibility to education institution, nearest transport systems, open parks can be considered when selecting the neighborhoods.

The items to compare within the parameters can be more refined.