Analysing Housing Prices in Metropolitan Areas of India

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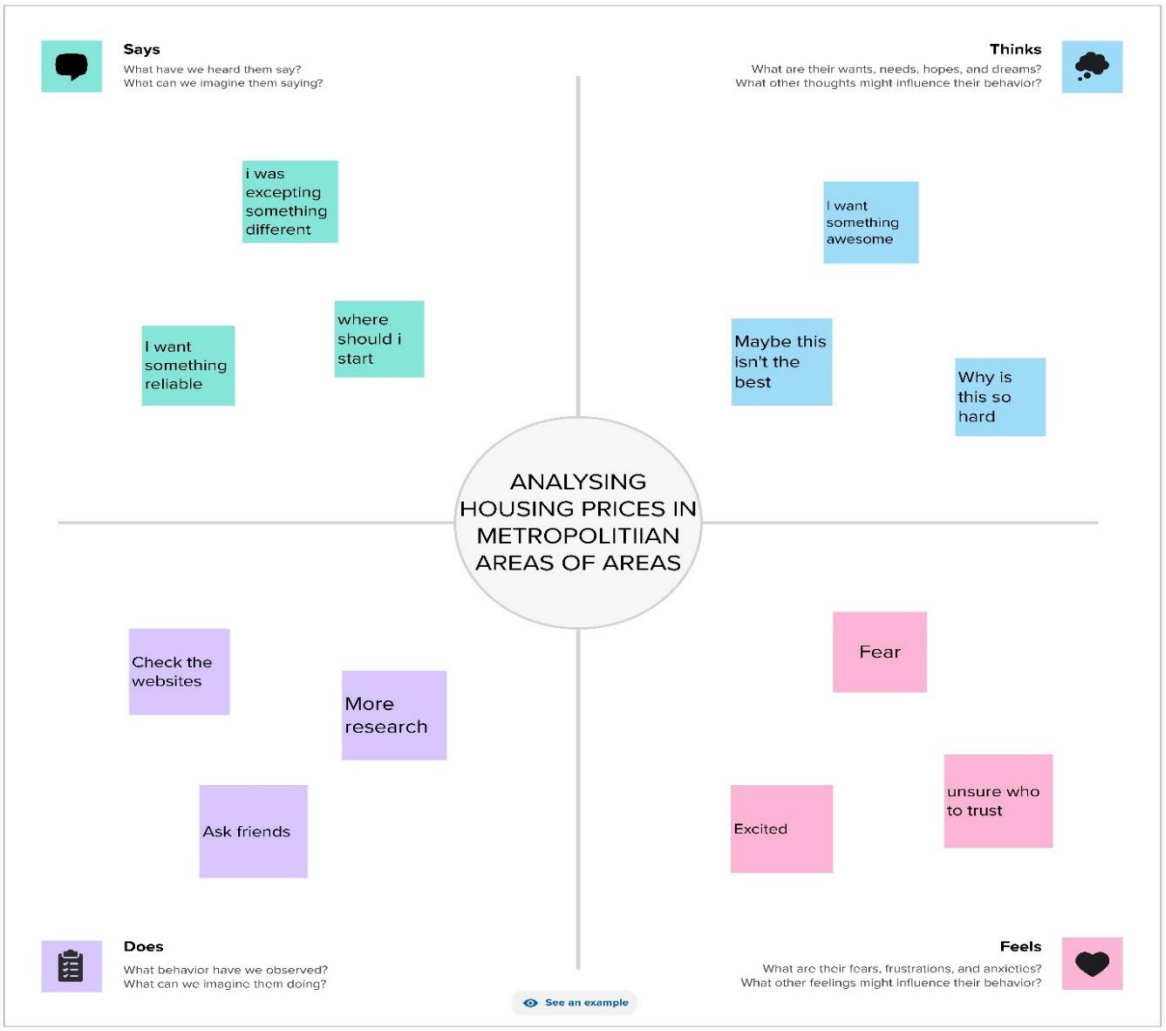
1.INTODUCTION

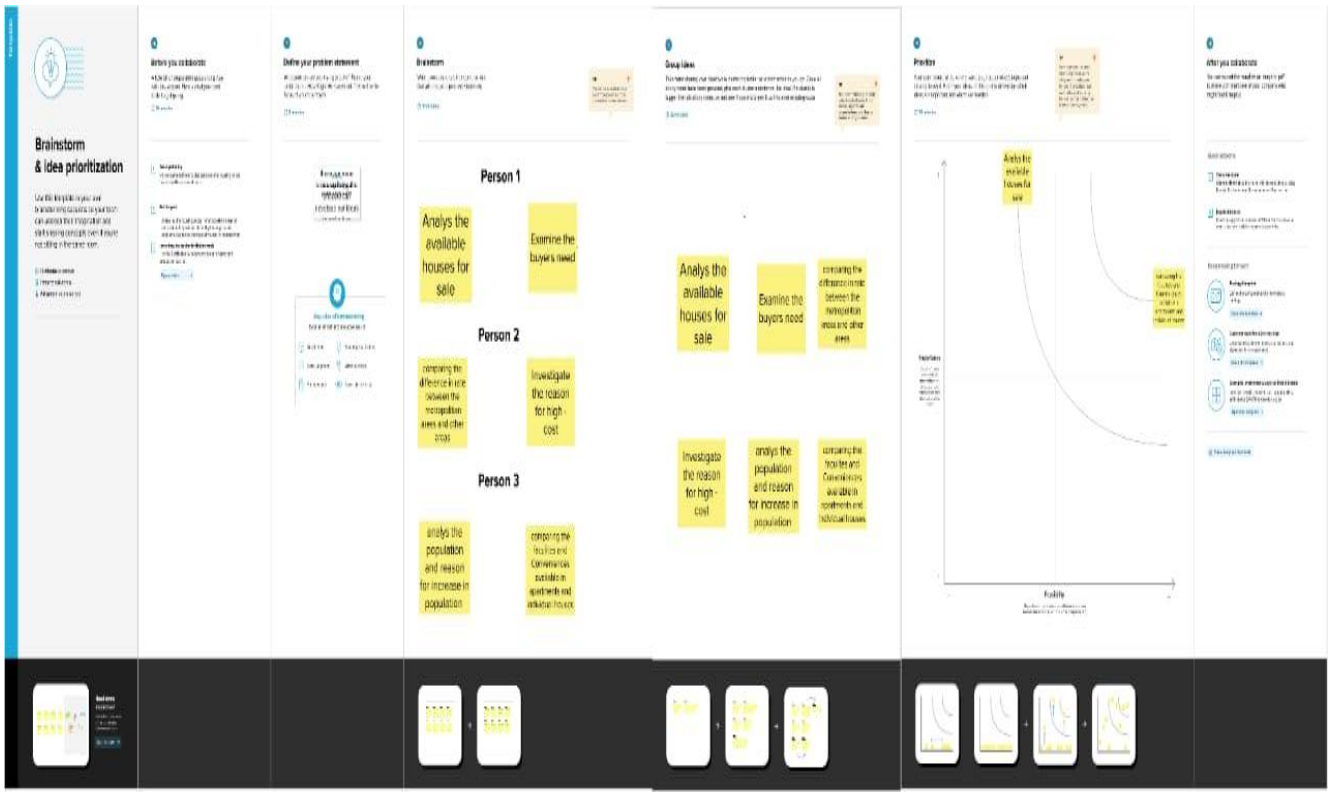
House price prediction in a metropolitan city in India is a valuable solution for potential home buyers, real estate agents, and investors. By leveraging historical sales data, property details, and location-specific information, a predictive model can accurately estimate house prices. The model's scalability, real-time updates, user-friendly interface, and transparency ensure it meets the needs of stakeholders. Integration capability, data privacy, and costeffectiveness are also important considerations. By addressing these requirements, the prediction model provides reliable insights, empowering stakeholders to make informed decisions in the fast-paced real estate market.

2.PROBLEM DEFINITION &DESIGN THINKING

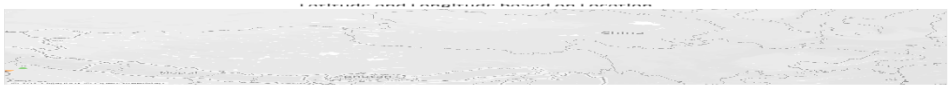
EMPATHY MAP

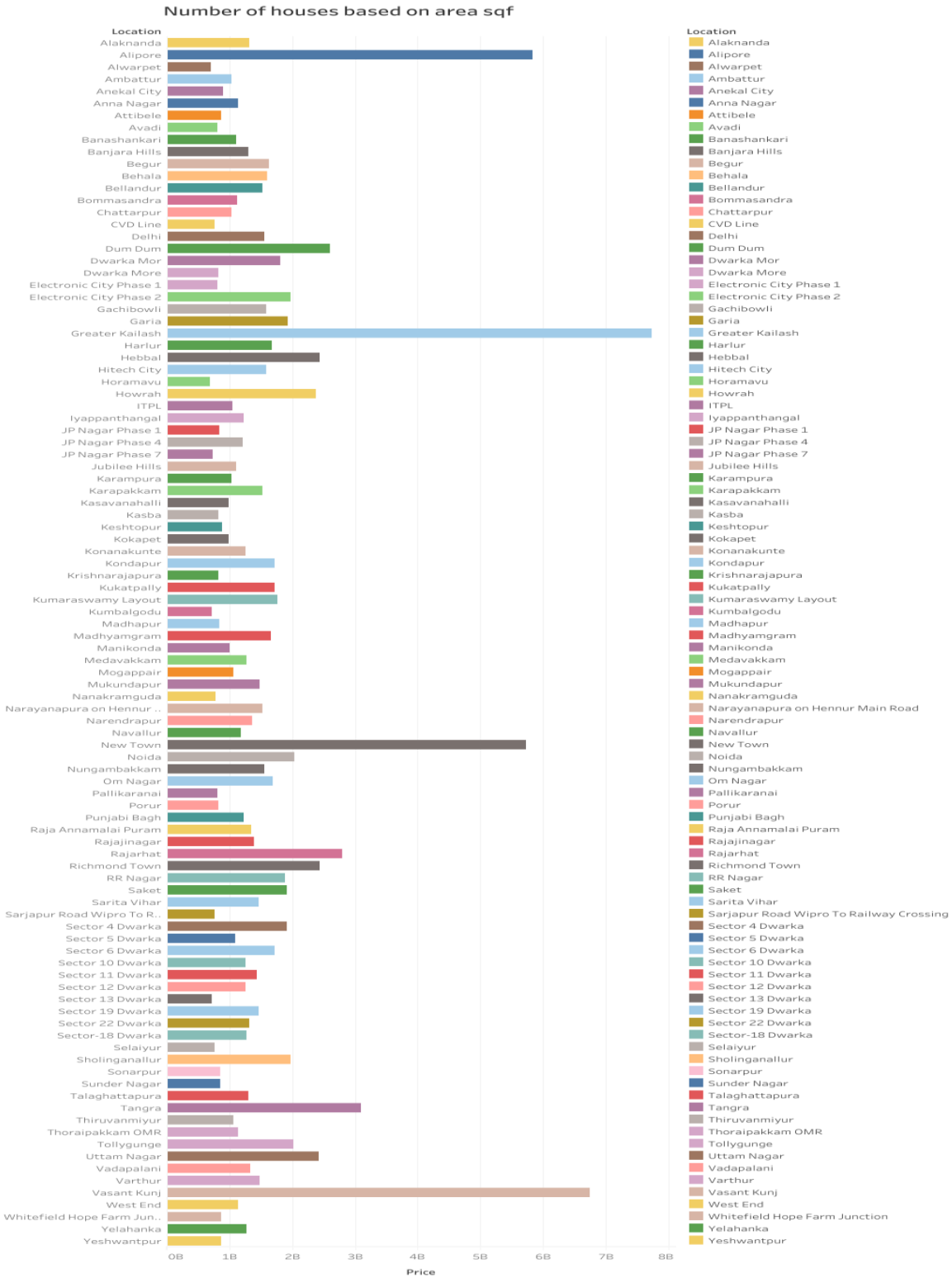


BRAINSTORMING



RESULT




Number of houses based on area sqf
Location
Alaknanda
Alipore
Alwarpet
Ambattur
Anekal City
Anna Nagar
Attibele
Avadi
Banashankari
Banjara Hills
Begur
Behala
Bellandur
Bommasandra
Chattarpur
CVD Line
Delhi
Dum Dum
Dwarka Mor
Dwarka More
Electronic City Phase 1
Electronic City Phase 2
Gachibowli
Garia
Greater Kailash
Harlur
Hebbal
Hitech City
Horamavu
Howrah
ITPL
Iyappanthangal
JP Nagar Phase 1
JP Nagar Phase 4
JP Nagar Phase 7
Jubilee Hills
Karampura
Karapakkam
Kasavanahalli
Kasba
Keshtopur
Kokapet
Konanakunte
Kondapur
Krishnarajapura
Kukatpally
Kumaraswamy Layout
Kumbalgodu
Madhapur
Madhyamgram
Manikonda
Medavakkam
Mogappair
Mukundapur
Nanakramguda
Narayanapura on Hennur ..
Narendrapur
Navallur
New Town
Noida
Nungambakkam
Om Nagar
Pallikaranai
Porur
Punjabi Bagh
Raja Annamalai Puram
Rajajinagar
Rajarhat
Richmond Town
RR Nagar
Saket
Sarita Vihar
Sarjapur Road Wipro To R..
Sector 4 Dwarka
Sector 5 Dwarka
Sector 6 Dwarka
Sector 10 Dwarka
Sector 11 Dwarka
Sector 12 Dwarka
Sector 13 Dwarka
Sector 19 Dwarka
Sector 22 Dwarka
Sector-18 Dwarka
Selaiyur
Sholinganallur
Sonarpur
Sunder Nagar
Talaghattapura
Tangra
Thiruvanmiyur
Thoraipakkam OMR
Tollygunge
Uttam Nagar
Vadapalani
Varthur
Vasant Kunj
West End
Whitefield Hope Farm Jun..
Yelahanka
Yeshwantpur
0B
1B
2B
3B
4B
5B
6B
7B
8B
Price
Location
Alaknanda
Alipore
Alwarpet
Ambattur
Anekal City
Anna Nagar
Attibele
Avadi
Banashankari
Banjara Hills
Begur
Behala
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Kasavanahalli
Kasba
Keshtopur
Kokapet
Konanakunte
Kondapur
Krishnarajapura
Kukatpally
Kumaraswamy Layout
Kumbalgodu
Madhapur
Madhyamgram
Manikonda
Medavakkam
Mogappair
Mukundapur
Nanakramguda
Narayanapura on Hennur Main Road
Narendrapur
Navallur
New Town
Noida
Nungambakkam
Om Nagar
Pallikaranai
Porur
Punjabi Bagh
Raja Annamalai Puram
Rajajinagar
Rajarhat
Richmond Town
RR Nagar
Saket
Sarita Vihar
Sarjapur Road Wipro To Railway Crossing
Sector 4 Dwarka
Sector 5 Dwarka
Sector 6 Dwarka
Sector 10 Dwarka
Sector 11 Dwarka
Sector 12 Dwarka
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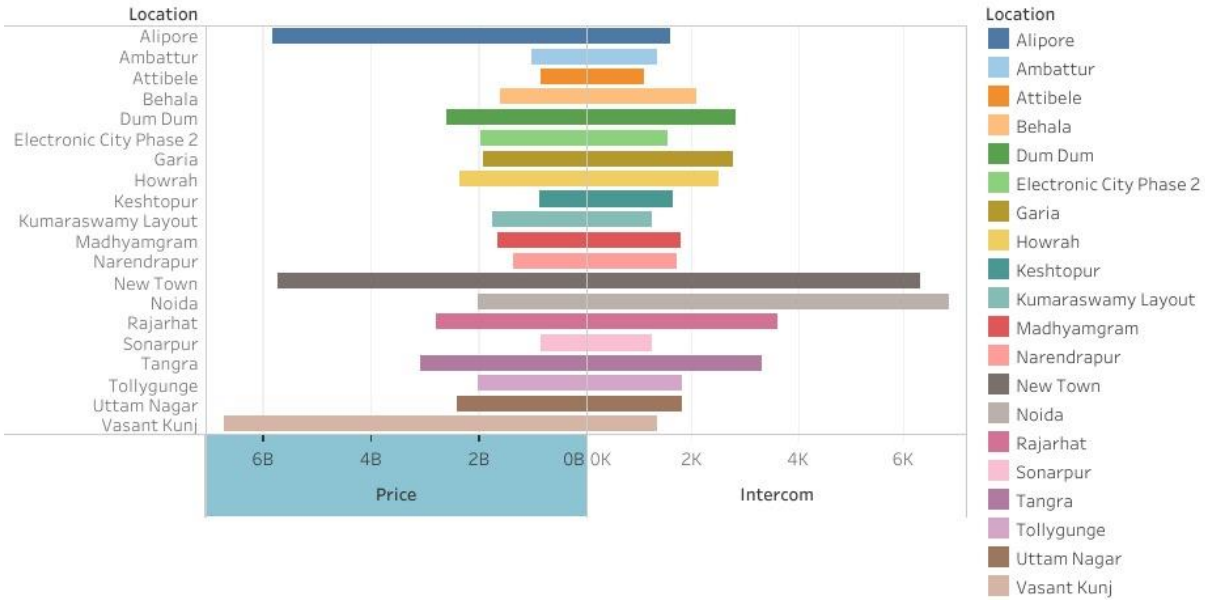
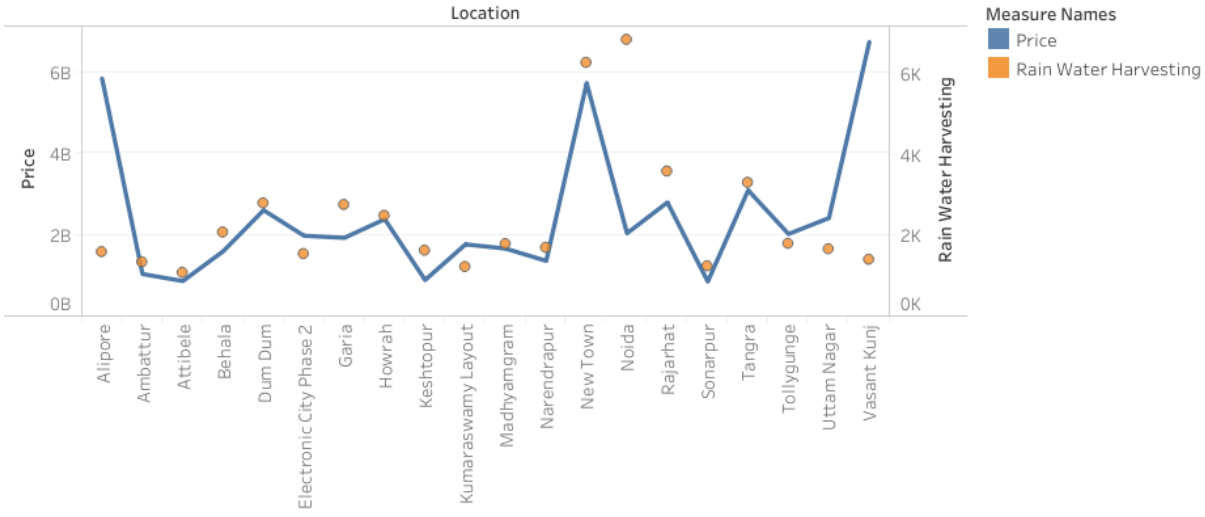
Selaiyur
Sholinganallur
Sonarpur
Sunder Nagar
Talaghattapura
Tangra
Thiruvanmiyur
Thoraipakkam OMR
Tollygunge
Uttam Nagar
Vadapalani
Varthur
Vasant Kunj
West End
Whitefield Hope Farm Junction
Yelahanka
Yeshwantpur

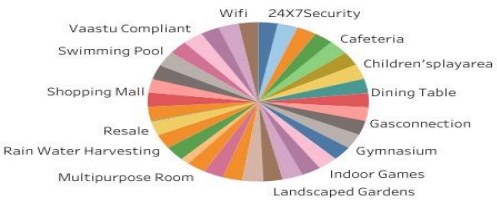
House Price and Intercom



Houses price based on rainwater harvest pits



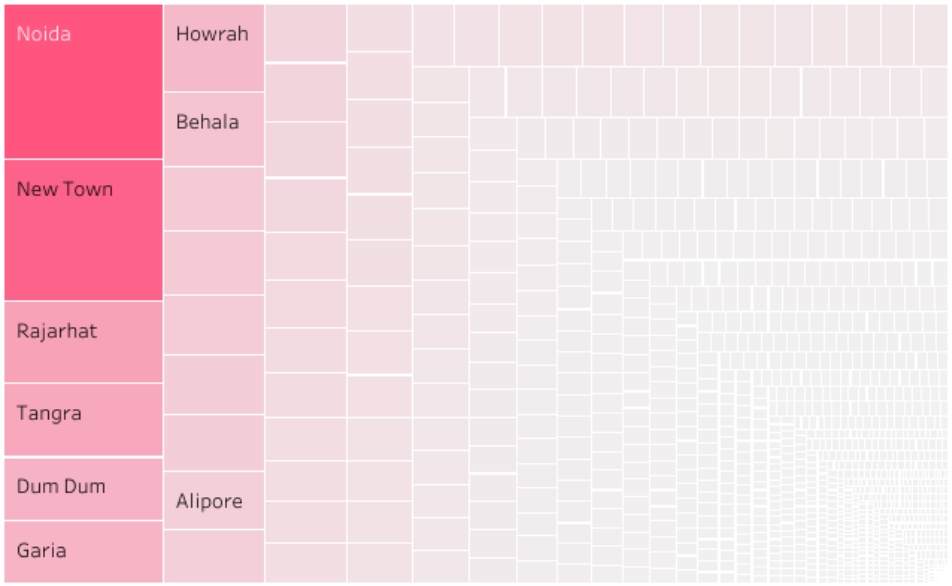
All Services based on locations



Measure Values
$,202,756

Measure Names
- 24X7Security
- AC
- ATM
- BED
- Cafeteria
- Car Parking
- Children'splayarea
- Club House
- Dining Table
- Gasconnection
- Golf Course
- Gymnasium
- Hospital
- Indoor Games
- Intercom
- Jogging Track
- Landscaped Gardens
- Lift Available
- Maintenance Staff
- Microwave
- Multipurpose Room
- No. of Bedrooms
- Power Backup
- Rain Water Harvesting
- Refrigerator
- Resale
- School
- Shopping Mall
- Sofa
- Sports Facility
- Swimming Pool
- TV
- Vaastu Compliant
- Wardrobe
- Washing Machine
- Wifi

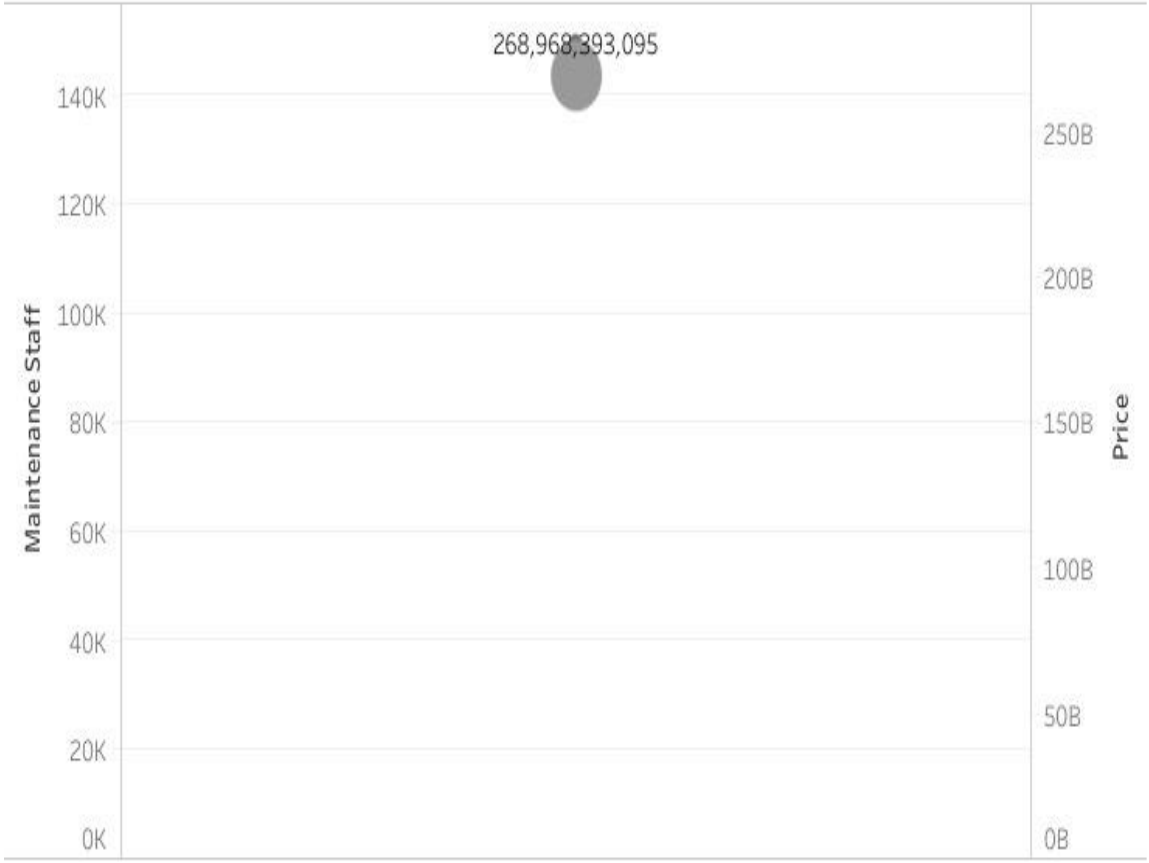
vastu - complaints based on location



Vaastu Compliant
0
6,849

Hospitals and Schools near the Houses

Maintains staff in houses prices



ADVANTAGES AND DISADVANTAGES

ADVANTAGES

- **OUR PROJECT WILL BE SO HELPFUL FOR THE PEOPLE LIVING IN METEROPOLITICAN AREAS**
- **WITH THE HELP OF OUR PROJECT PEOPLE CAN FIND THE FACILITIES AVALIBLE IN DIFFERENT PLACES OF THE METEROPOLITICAN AREAS OF INDIA**
- **OUR PROJECT REPORT WILL HELP ALL THE PEOPLE WHO ALL ARE WISHING TO BUY A HOUSE IN METEROPOLITICAN AREAS OF INDIA**

DISVANTAGES

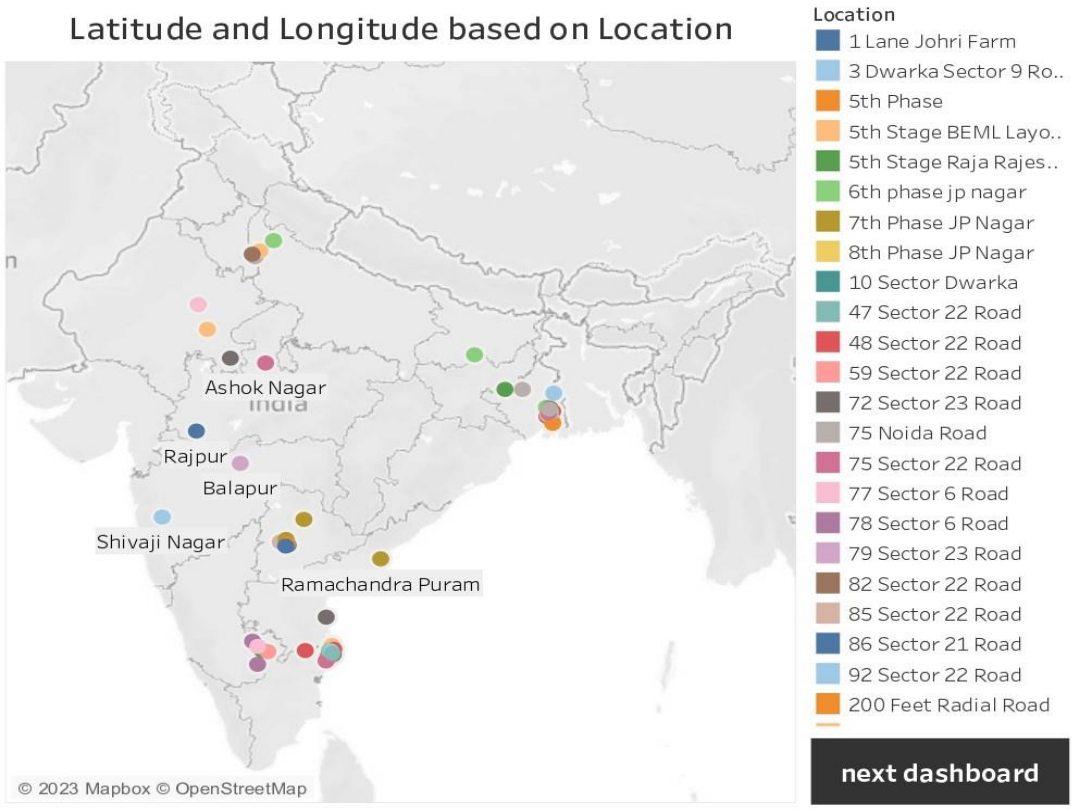
- **OUR PROJECT REPORT IS COMPLETELY MADE WITH THE HELP OF THE SOURCE DATA SO OUR PROJECT WILL BE NOT HELPFUL IF SOME DATAS IN THE DATASET IS INCORRECT.**
- **ALL THE DATA SOURCE WHERE MADE BY THE PRICE MENTIONED IN THE AGREEMENTS SO IF THE OWNER FIXES SOME EXTRA PRICES APART FROM THE PRICE MENTIONED IN THE AGREEMENT IN THOSE CASES OUR PROJECT WON'T BE A HELPFUL ONE.**
- **SOME PEOPLE CAN ALSO MISUSE OUR**

APPLICATION

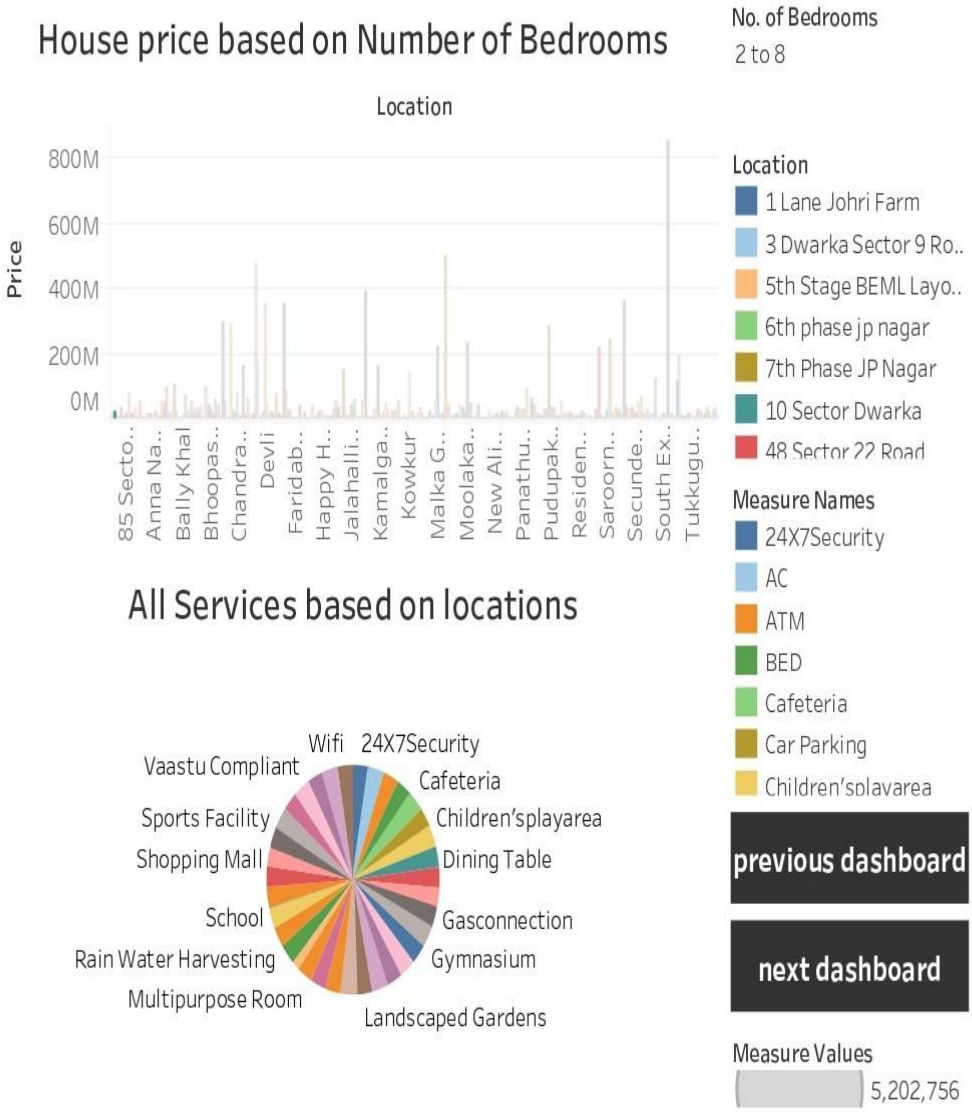
- **ALL METROPOLUTION HOUSING ENVIRONMENT**

CONCLUSION

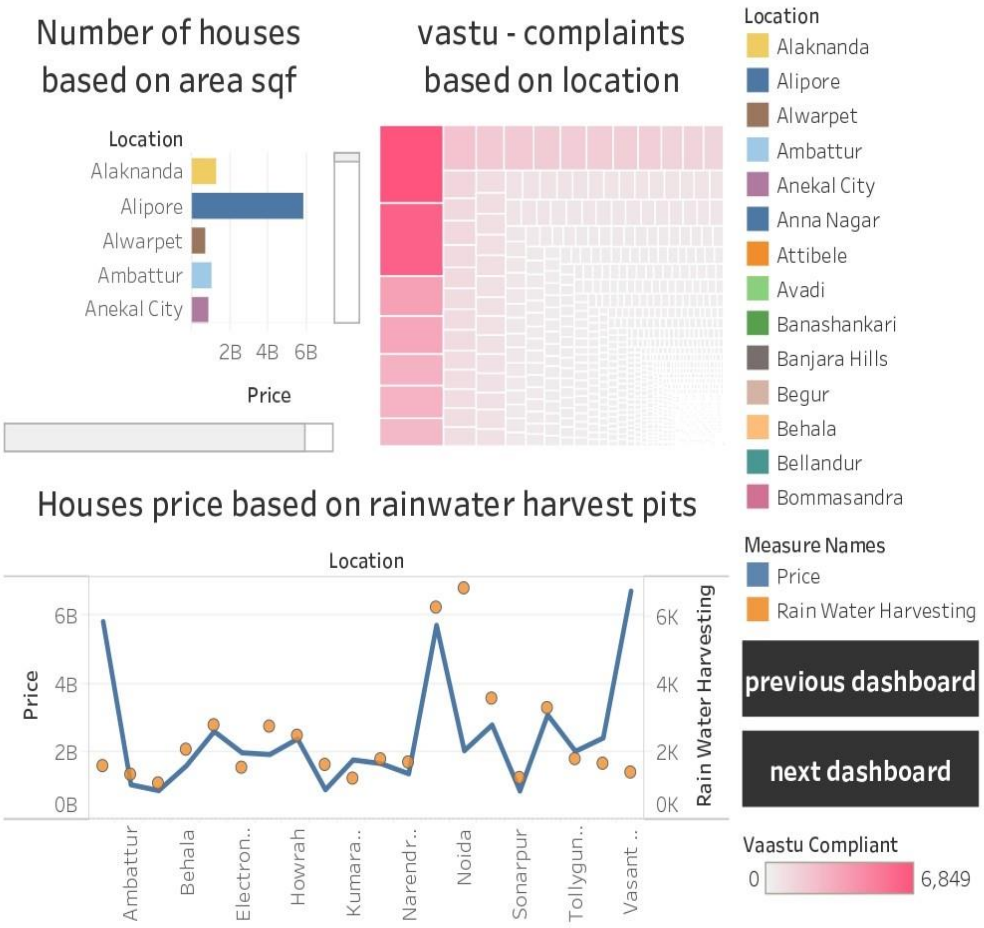
DASHBORD 1



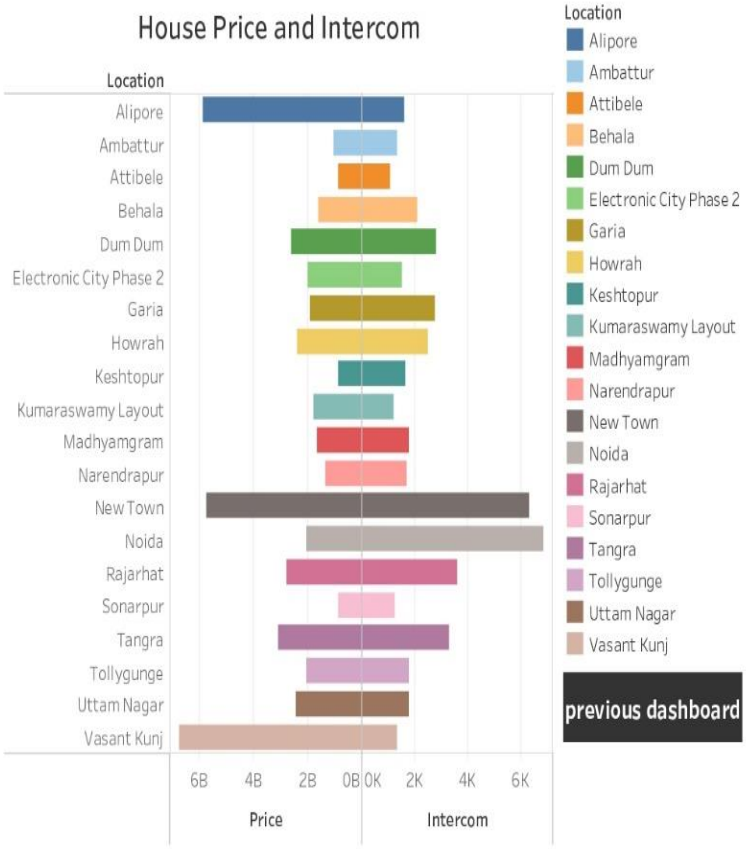
DASHBOARD 2


House price based on Number of Bedrooms
Location
Price
800M
600M
400M
200M
0M
85 Secto..
Anna Na..
Bally Khal
Bhoopas..
Chandra..
Devli
Faridab..
Happy H..
Jalahalli..
Kamalga..
Kowkur
Malka G..
Moolaka..
New Ali..
Panathu..
Pudupak..
Residen..
Saroorn..
Secunde..
South Ex..
Tukkugu..
No. of Bedrooms
2 to 8
Location
1 Lane Johri Farm
3 Dwarka Sector 9 Ro..
5th Stage BEML Layo..
6th phase jp nagar
7th Phase JP Nagar
10 Sector Dwarka
48 Sector 22 Road
Measure Names
24X7Security
AC
ATM
BED
Cafeteria
Car Parking
Children'splayarea
All Services based on locations
Wifi
24X7Security
Vaastu Compliant
Cafeteria
Sports Facility
Children'splayarea
Shopping Mall
Dining Table
School
Gasconnection
Rain Water Harvesting
Gymnasium
Multipurpose Room
Landscaped Gardens
previous dashboard
next dashboard
Measure Values
5,202,756

DASHBOARD 3



DASH BOARD 4



The Project Has Been Succesfully Completed By us..This Project Made By Reliable Data Given By The Source Firm. It Could Be Most Helpful For Metroploution Housing Firms