Dr.ZAKIR HUSAIN COLLEGE,ILAYANGUDI

DEPARTMENT OF PHYSICS

PROJECT TITLE

Analysing Housing Prices In Metropoliton Areas Of India

SUBMITTED BY

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Dr.ZAKIR HUSSIAN COLLEGE, ILAYANGUDI

INTRODUCTION

- 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 cost- effectiveness are also important considerations.

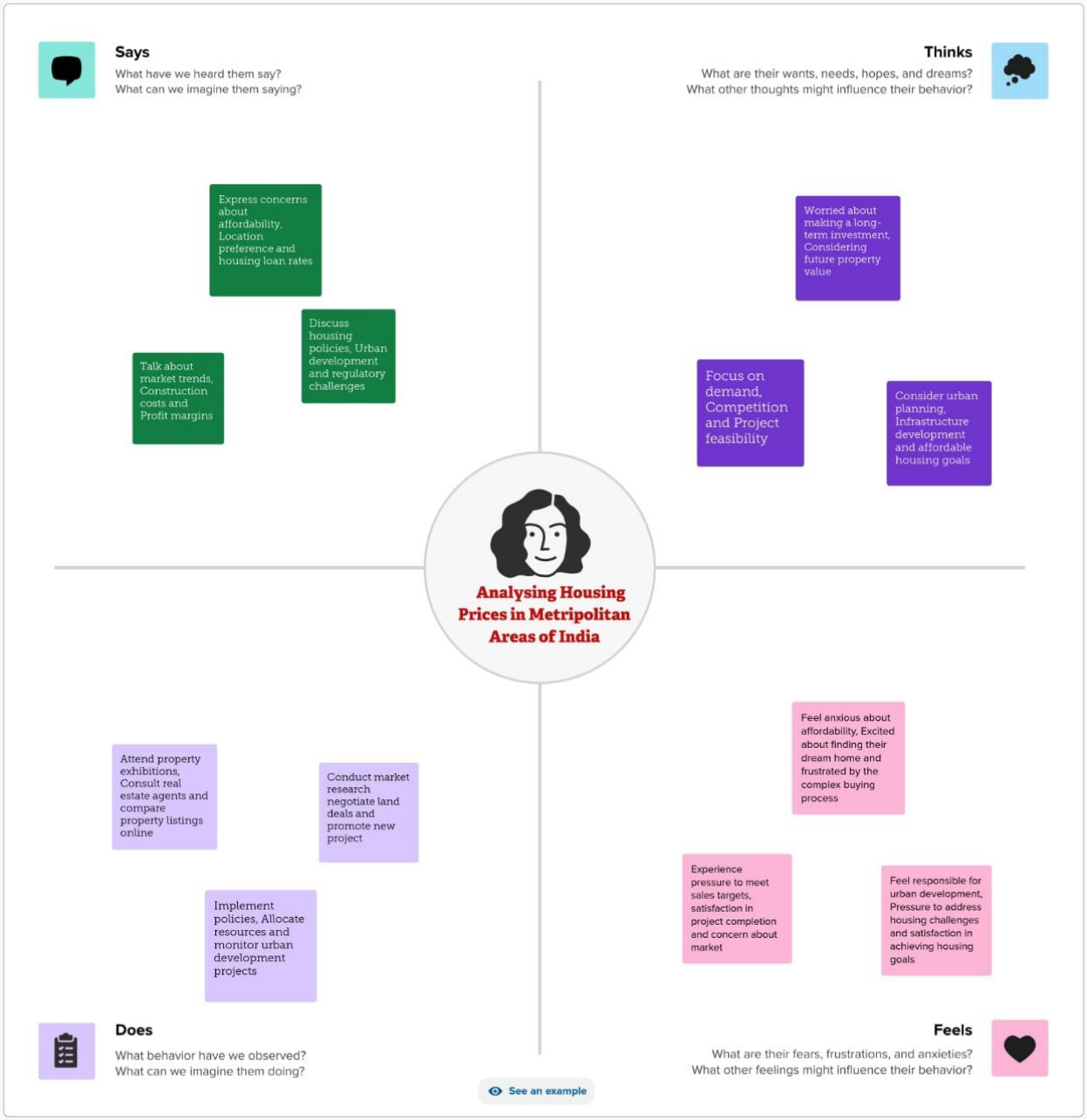
- By addressing these requirements, the prediction model provides reliable insights, empowering stakeholders to make informed decisions in the fast-paced real estate market.

PURPOSE

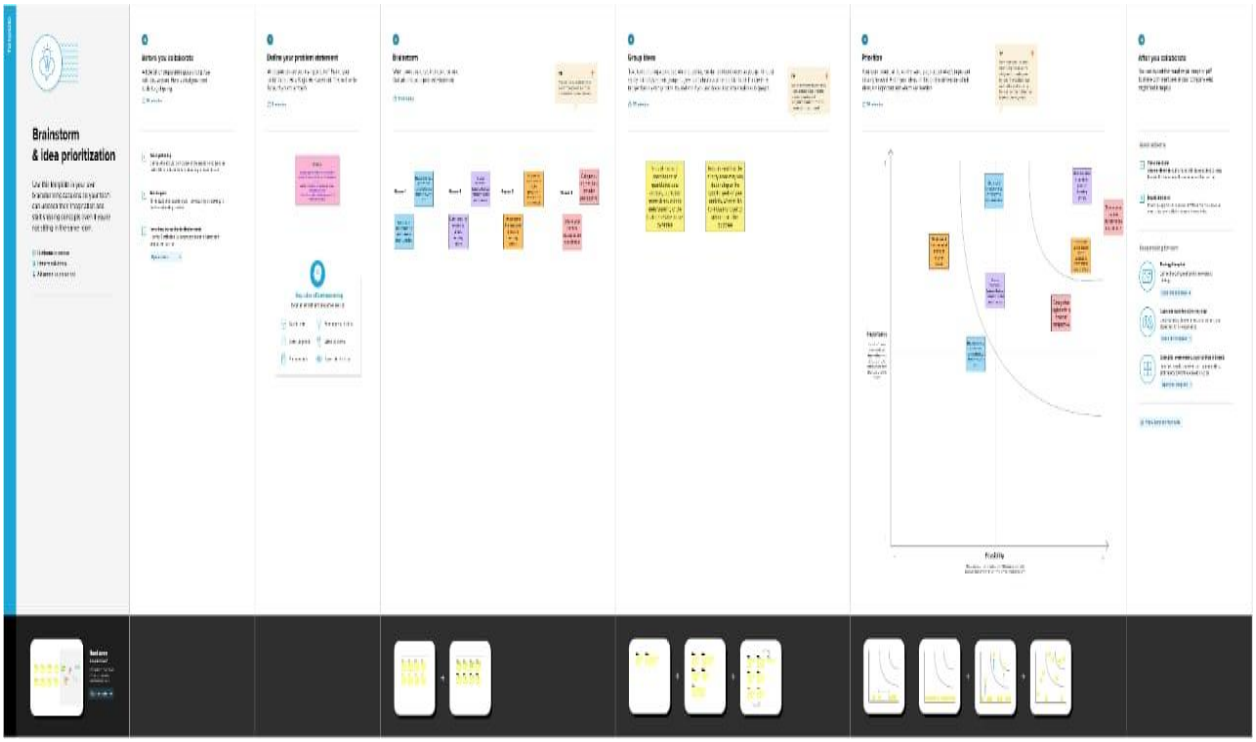
- Houses with best facilities in India. By analysing the number of bed rooms and Services provided , may somebody withthe dilemma to buy or not buy his/her own houses based on price and best facilities.

- Can make this visualization application available for people, for more insights and ideas can ask for payment and also can give these insights to make the understand and help in the sense of buying house.

PROBLEM DEFINITION AND DESIGN THINKING



IDEATION AND BRAINSTORMIING MAP

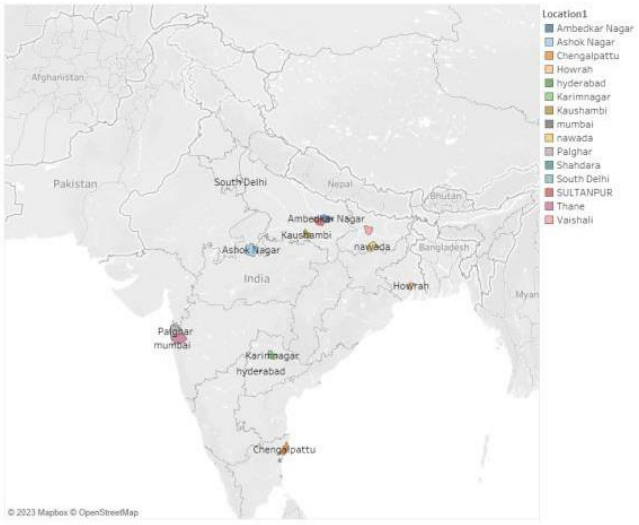


RESULT

DASHBOARD AND STORIES

House Price Prediction

Our houses in this 5 metropoliton | Our Pices based on Area in Sq | Our Prices based on the best places | Our houses in the Locations | Average price based on number | Our prices based on best facilites | Ou be



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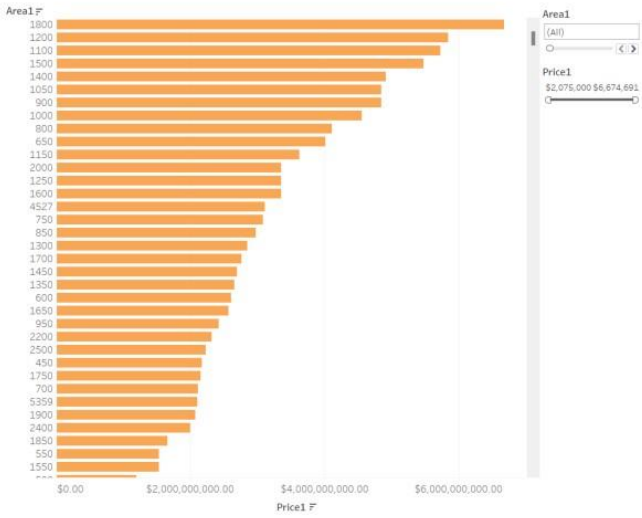

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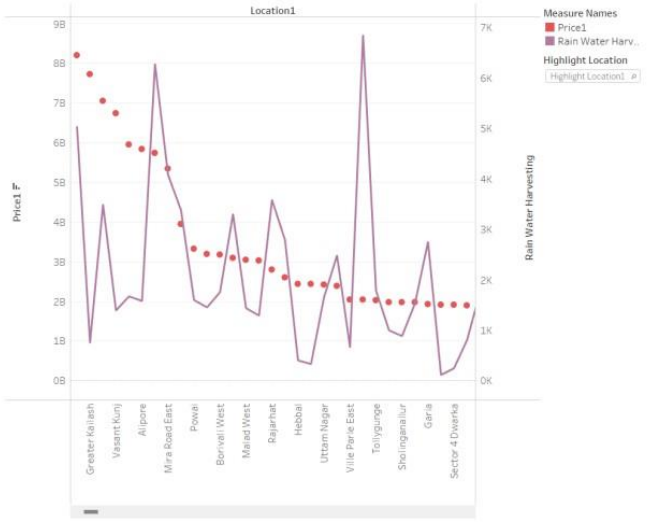

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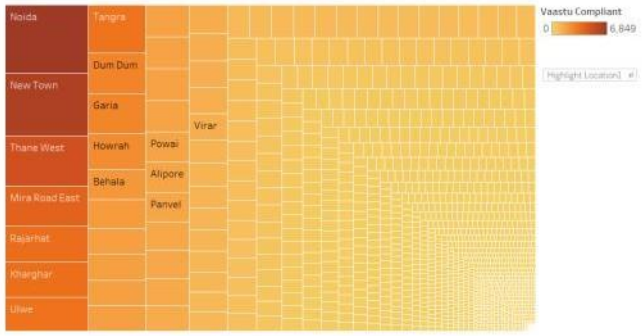

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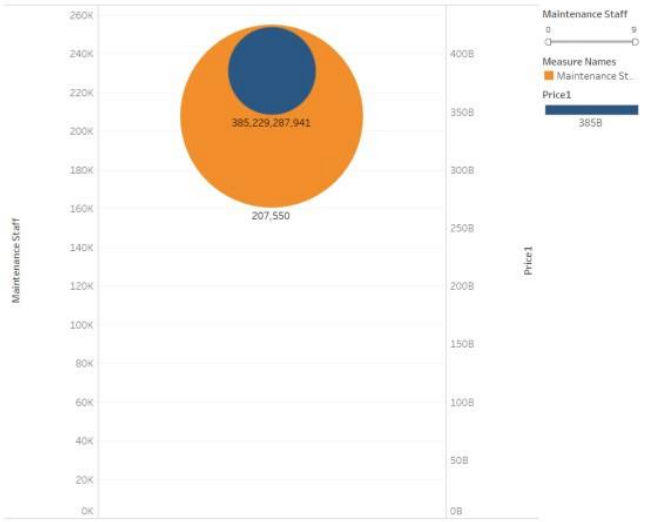
House Price Prediction

Our Prices based on the best places | Our houses in the Locations | Average price based on number | Our prices based on best facilites | Our Facilites in the best places. | Our prices based on Intercom | Ou so



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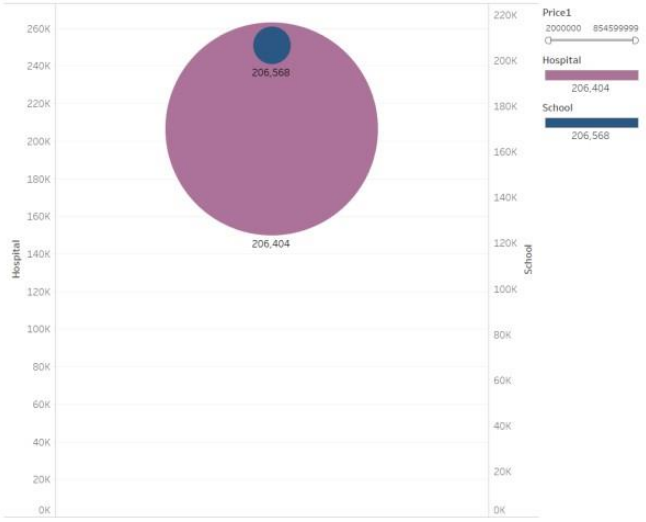

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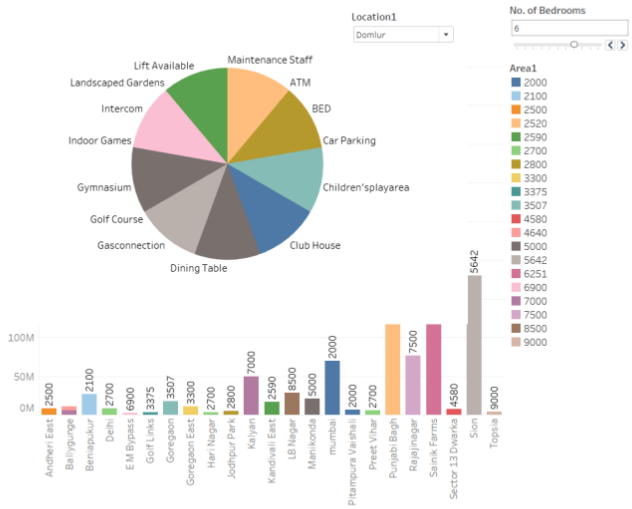
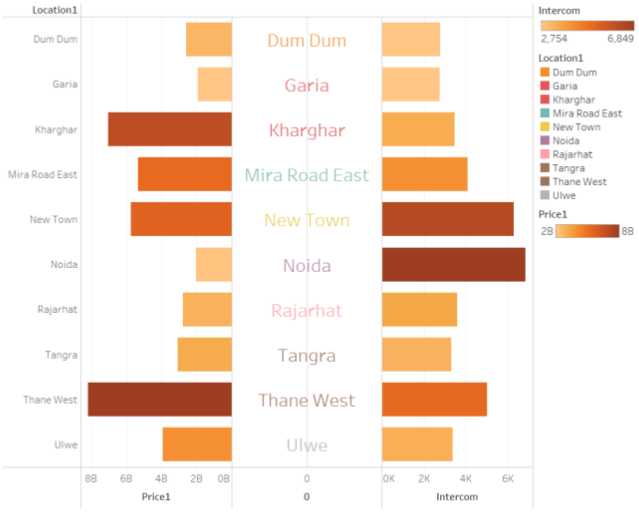

Location1
Domlur
No. of Bedrooms
6
Area1
2000
2100
2500
2520
2590
2700
2800
3300
3375
3507
4580
4640
5000
5642
6251
6900
7000
7500
8500
9000
Maintenance Staff
ATM
BED
Car Parking
Children'splayarea
Club House
Dining Table
Gasconnection
Golf Course
Gymnasium
Indoor Games
Intercom
Landscaped Gardens
Lift Available
100M
50M
0M
2500
2100
2700
6900
3375
3507
3300
2700
2800
7000
2590
8500
5000
2000
2000
2700
7500
4580
5642
9000
Andheri East
Bailygunge
Beniapukur
Delhi
E M Bypass
Golf Links
Goregaon
Goregaon East
Hari Nagar
Jodhpur Park
Kalyan
Kandivali East
LB Nagar
Manikonda
mumbai
Pitampura Vaishali
Preet Vihar
Punjabi Bagh
Rajajinagar
Saimik Farms
Sector 13 Dwarka
Sion
Topsia


Location1
Dum Dum
Garia
Kharghar
Mira Road East
New Town
Noida
Rajarhat
Tangra
Thane West
Ulwe
Intercom
2,754
6,849
Location1
Dum Dum
Garia
Kharghar
Mira Road East
New Town
Noida
Rajarhat
Tangra
Thane West
Ulwe
Price1
2B
8B
8B
6B
4B
2B
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Price1
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2K
4K
6K
Intercom

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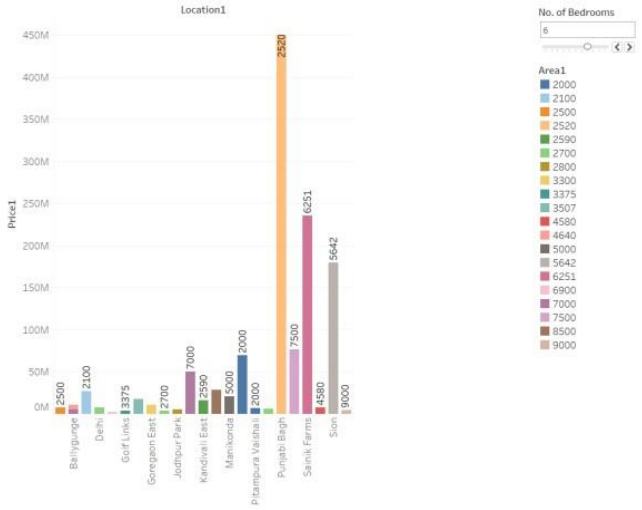

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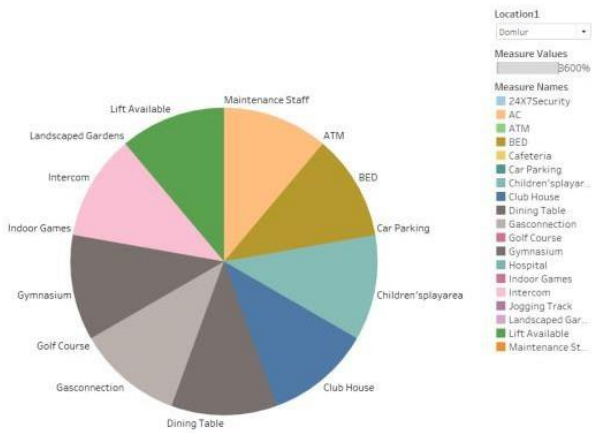

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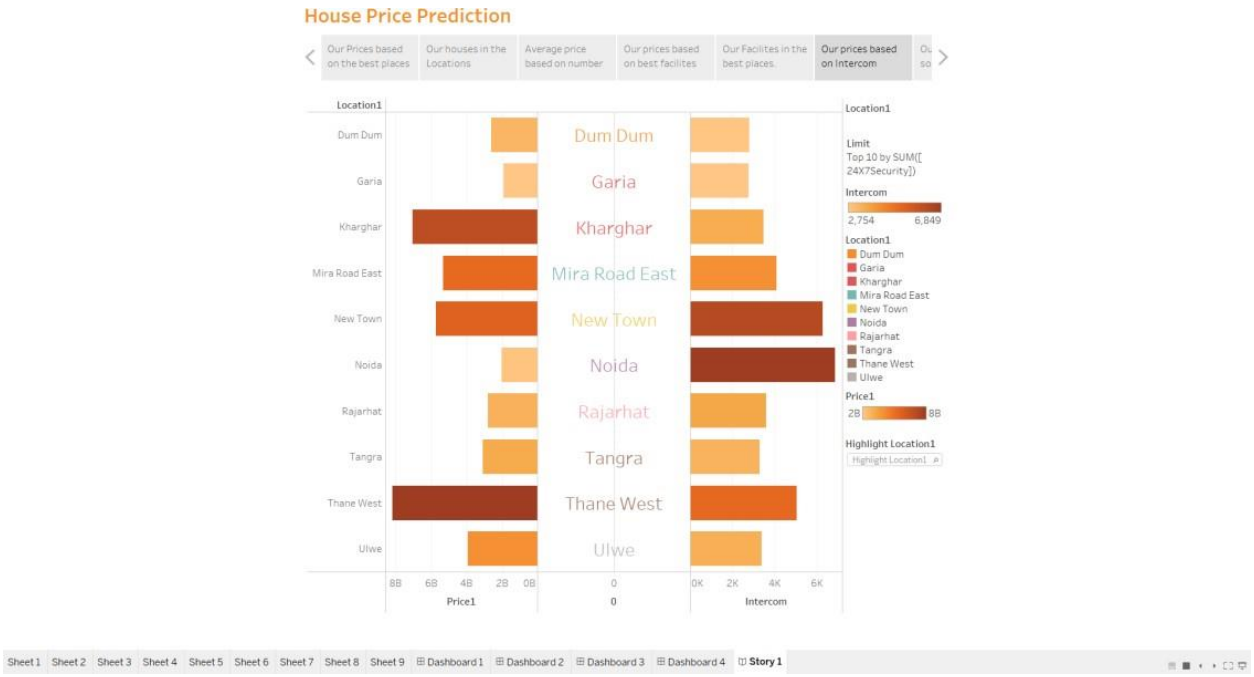

ADVANTAGES AND DISADVANTAGES

ADVANTAGES

- **High investment potential: Metropolitan areas are the economic and cultural centers of India, and they attract a large number of people from all over the country. This high demand for housing drives up property prices, making metropolitan areas a good investment for those looking to generate long-term returns.**
- **Better infrastructure and amenities: Metropolitan areas have better infrastructure and amenities than other**

parts of the country. This includes things like better roads, public transportation, schools, hospitals, and shopping malls. This makes metropolitan areas more desirable places to live, which further drives up property prices.

- More job opportunities: Metropolitan areas are home to a large number of businesses and industries, which means that there are more job opportunities available. This attracts people from all over the country, which further increases the demand for housing.
- Higher salaries: Salaries are generally higher in metropolitan areas than in other parts of the country. This makes it easier for people to afford to buy homes in metropolitan areas.

DISADVANTAGES

- High cost of living: The cost of living in metropolitan areas is generally higher than in other parts of the country. This includes things like food, transportation, and housing.
- Overcrowding and pollution: Metropolitan areas are often overcrowded and polluted. This can make them less desirable places to live, especially for families with young children.

- Traffic congestion: Traffic congestion is a major problem in metropolitan areas. This can make it difficult and time-consuming to get around.
- Limited availability of affordable housing: The supply of affordable housing is often limited in metropolitan areas. This can make it difficult for people on low and middle incomes to afford to buy a home.

CONCLUSION

Based on the criterion of price convergence, house prices in the 15 metropolitan cities do not converge to the LOOP. This implies that the housing markets in the different areas operate as segmented independent local markets.

FUTURE SCOPE

Property prices in India are likely to increase over the coming years, mirroring the country's economic growth. However, increased cost of buying houses could hit the affordable segment.