Analysing Housing Prices In Metropolitan Areas Of India

1. 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.

1.1. OVERVIEW:

- ↔ 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.

1.2. PURPOSE:

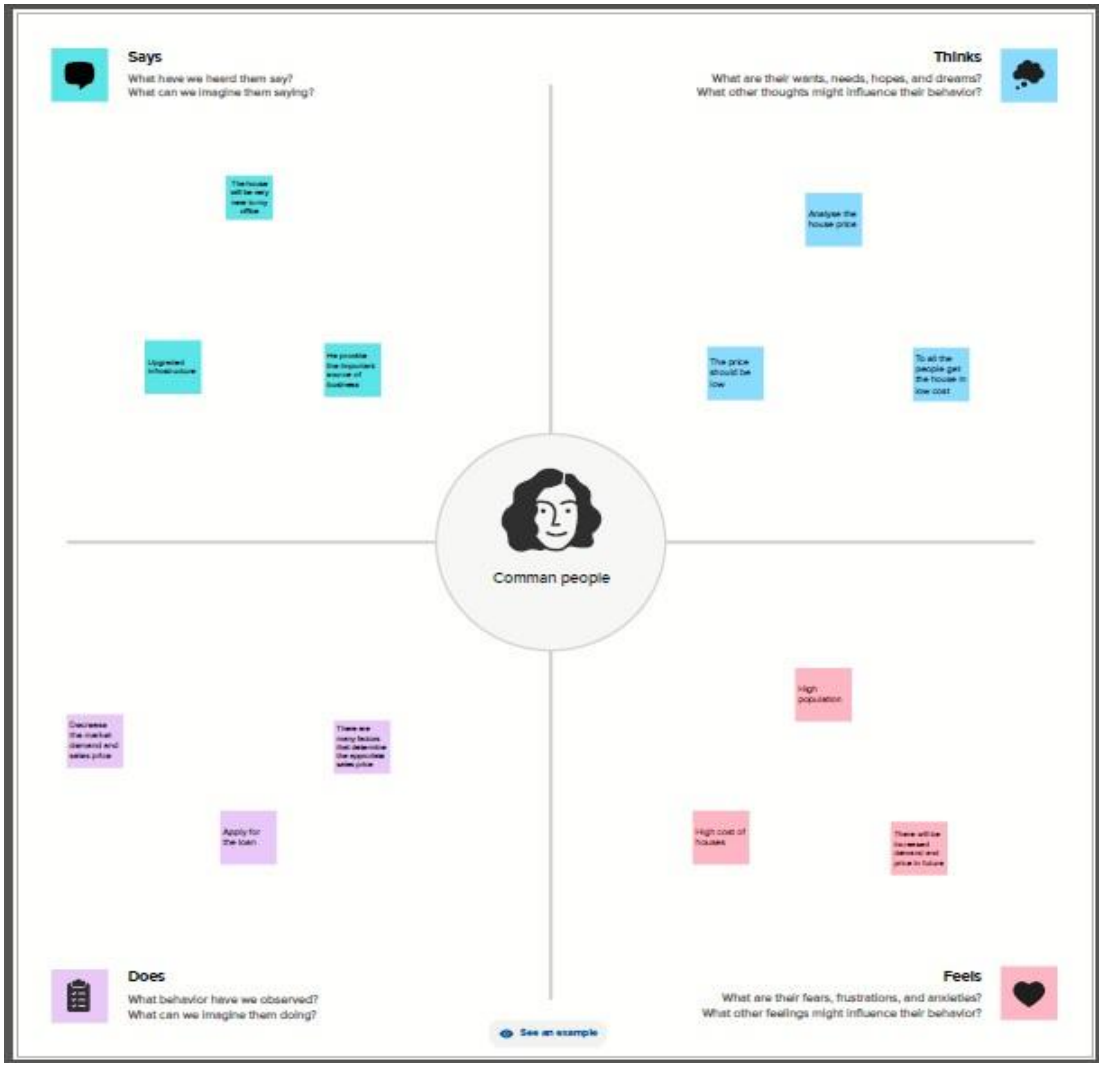
By addressing these requirements, the prediction model provides reliable insights, empowering stakeholders to make informed decisions in the fast-paced real estate market.

2. PROBLEMS DEFING & DESIGN THINKING:

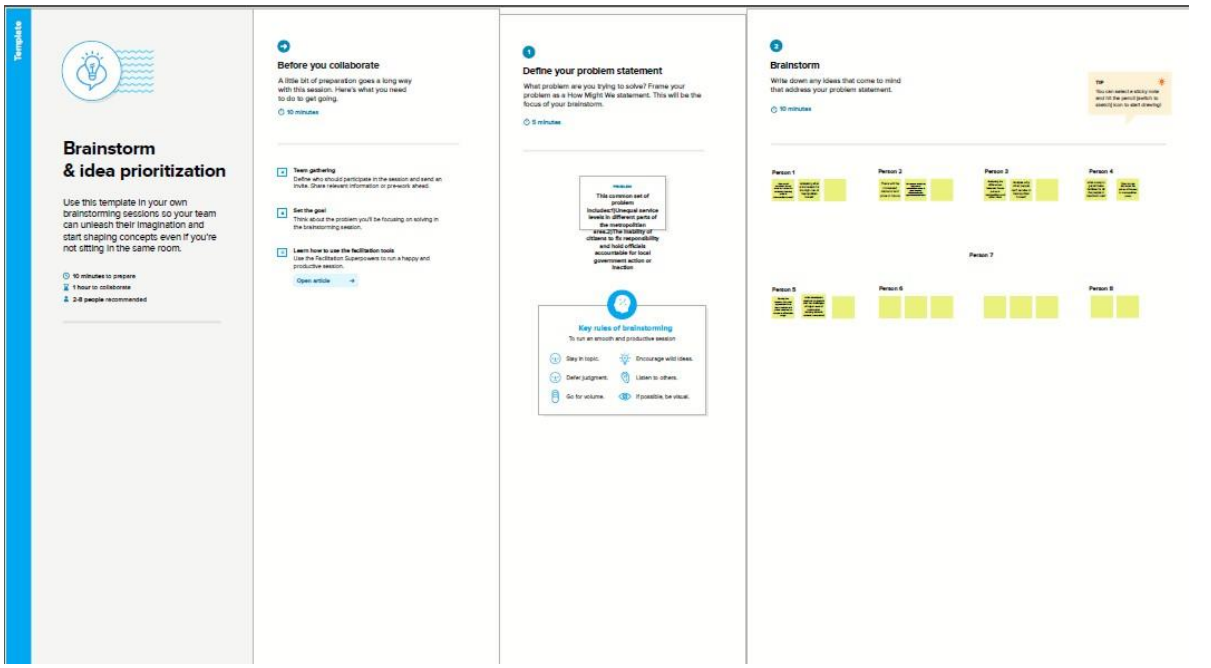
- ↔ Analyzing house prices in a metropolitan area using Tableau can provide valuable insights for various stakeholders, including real estate agents, property developers, investors, and homebuyers.

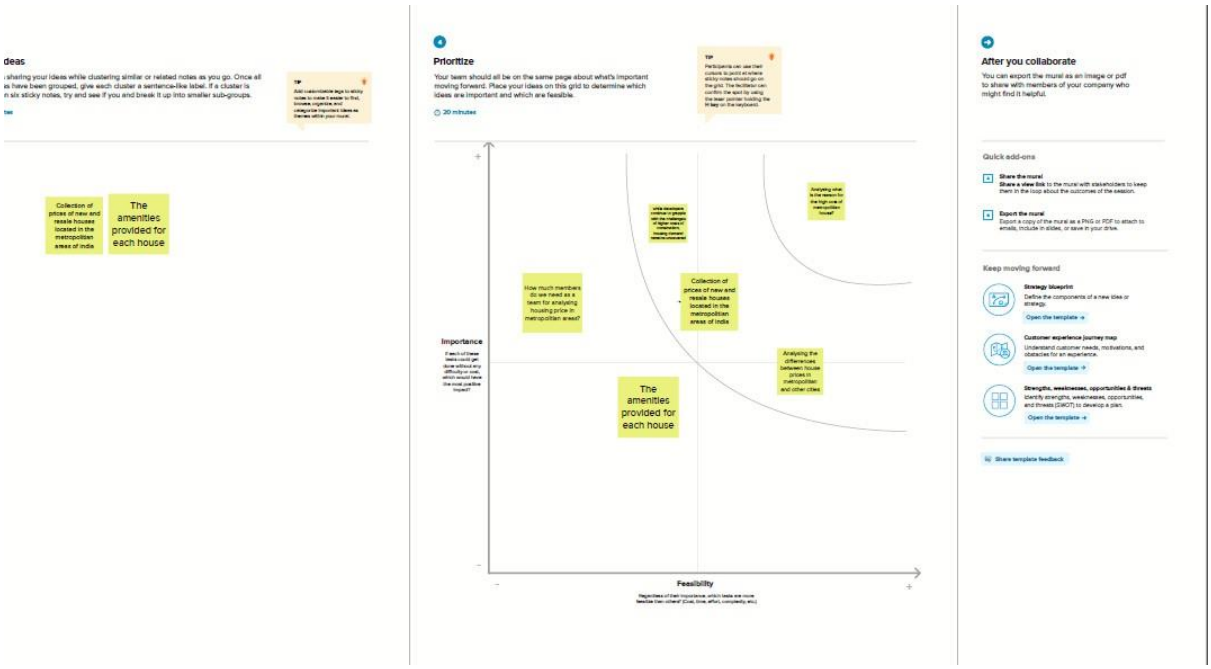
↔ Understand the overall market trends and patterns in the metropolitan area.

3. EMPATHY MAP:



2.2. BRAINSTORMING:

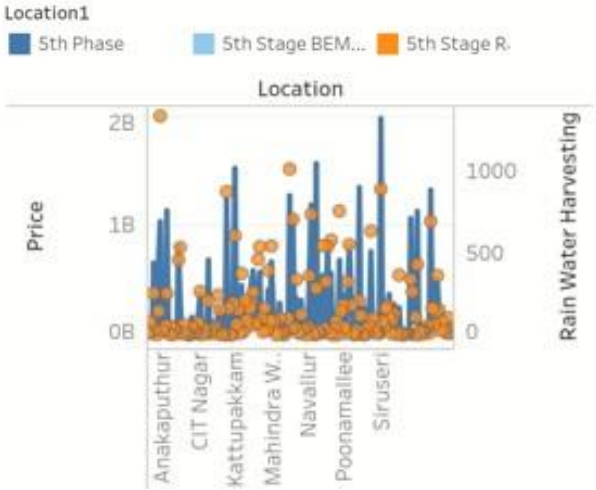


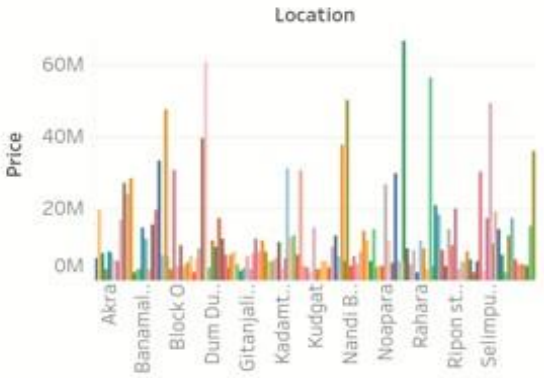


RESULT:

Iran
China
India
© Mapbox © OSM

0B
1B
1B
2B
2B
Price


Location1
5th Phase
5th Stage BEM...
5th Stage R.
Location
Price
2B
1B
0B
1000
500
0
Rain Water Harvesting
Anakaputhur
CIT Nagar
Kattupakkam
Mahindra W..
Navallur
Poonamallee
Siruseri


Location
Price
60M
40M
20M
0M
Akra
Banamal..
Block O
Dum Du..
Gitanjali..
Kadamt..
Kudgat
Nandi B..
Noapara
Rahara
Ripon st..
Selimpu..

Location
Ambarnath
Ambernath West
Anjurdive
Bhayandar West
Borivali
Chedda Nagar
Diva
Ghodbunder Road
0M
200M
400M
0
50
100
150
Price
Intercom

Kondapur
Nacharam
Hitech City
Gachibowli
Kokapet
Vaastu Compliant
0
147

4. ADVANTAGES AND DISADVANTAGES:

4.1.ADVANTAGES:

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

↔Business Model/Impact: 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.

4.2. DISADVANTAGES:

↔This would involve a search for relevant publications, articles, and academic papers on the topic, as well as an analysis of the various techniques, models, and algorithms used in previous research.

↔The literature survey would also involve identifying gaps in existing research and potential areas for further exploration and improvement.

5. **APPLICATION:**

↔Help investors identify potentially profitable opportunities by analyzing areas with high growth potential.Generate more sales and profits.

↔Visualize data on house price appreciation, neighborhood development, and other relevant factors.

6. CONCLUSION:

- ↔Allow homebuyers to compare house prices across different neighborhoods or regions in the metropolitan area.
- ↔It also discusses various factors that affect consumer spending nature etc.

7. FUTURE SCOPE:

- ↔Analyze the geographical distribution of house prices within the metropolitan area. As businesses identify growth opportunities and optimize their strategies, they often experience increased revenue and expansion.