

# ANALYSING HOUSING PRICES IN METROPOLITAN AREAS OF INDIA

## 1. INTRODUCTION

### 1.1 Overview

prediction in a metropolitian city in India is a valuable solution for portential hoke 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 stakeholders.

### 1.2 Purpose

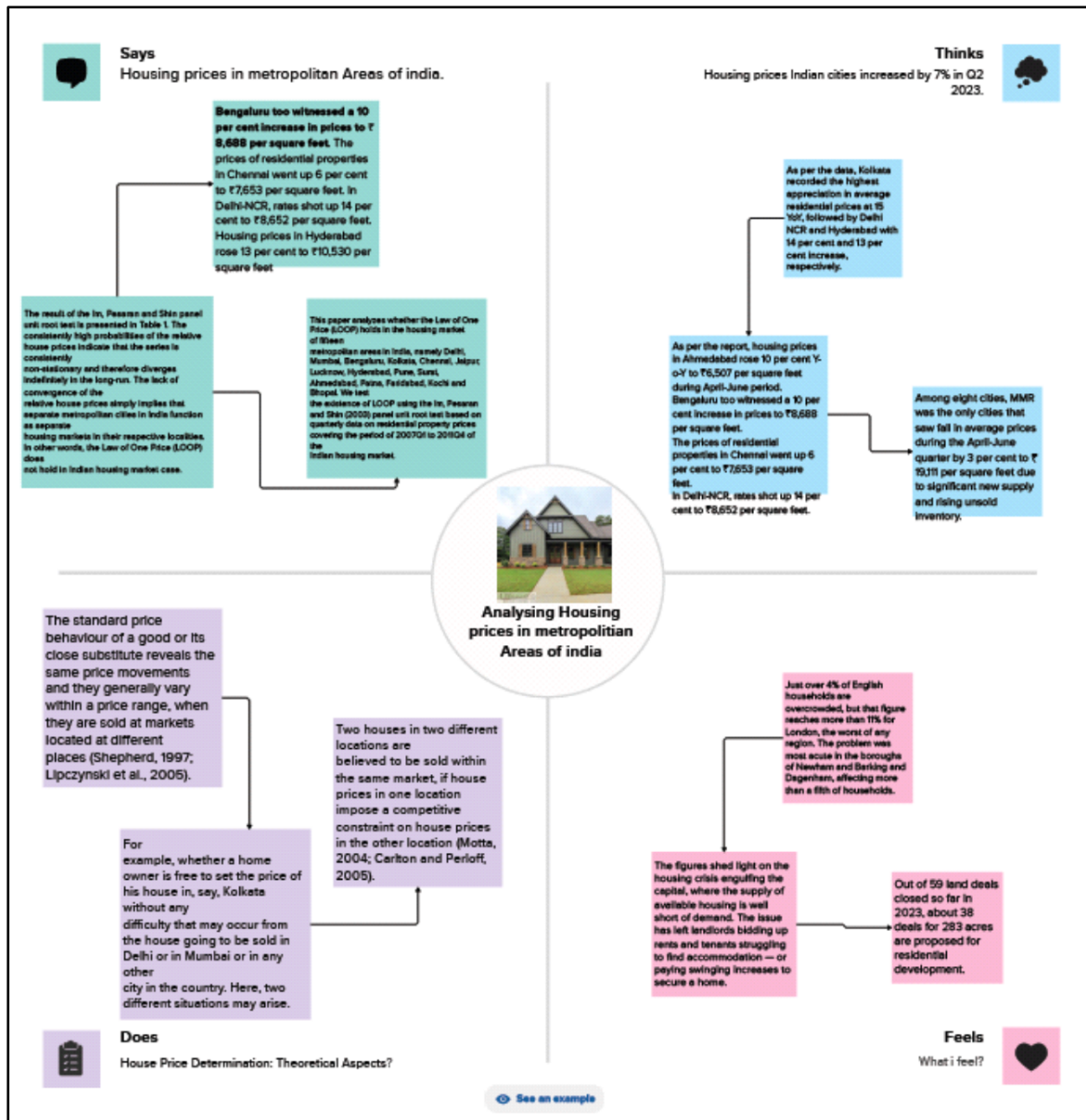
The HPI is one of many economic indicators that investors use to keep a pulse on broader economic trends and potential shifts in the stock market. The rise and fall of house prices can have big implications for the economy.

Price increases generally create more jobs, stimulate confidence, and prompt higher consumer spending.

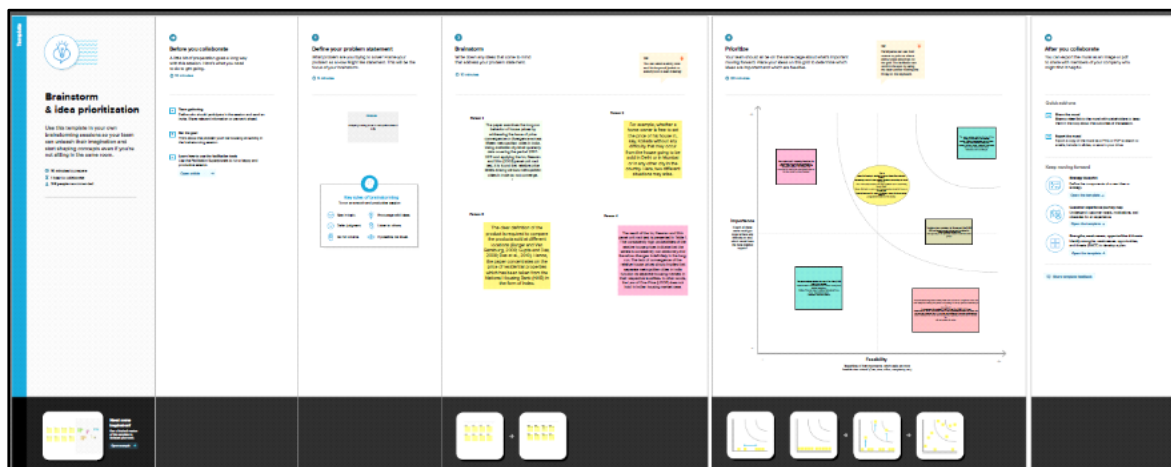
## 2. Problem Definition & Design Thinking

### 2.1 Empathy Map



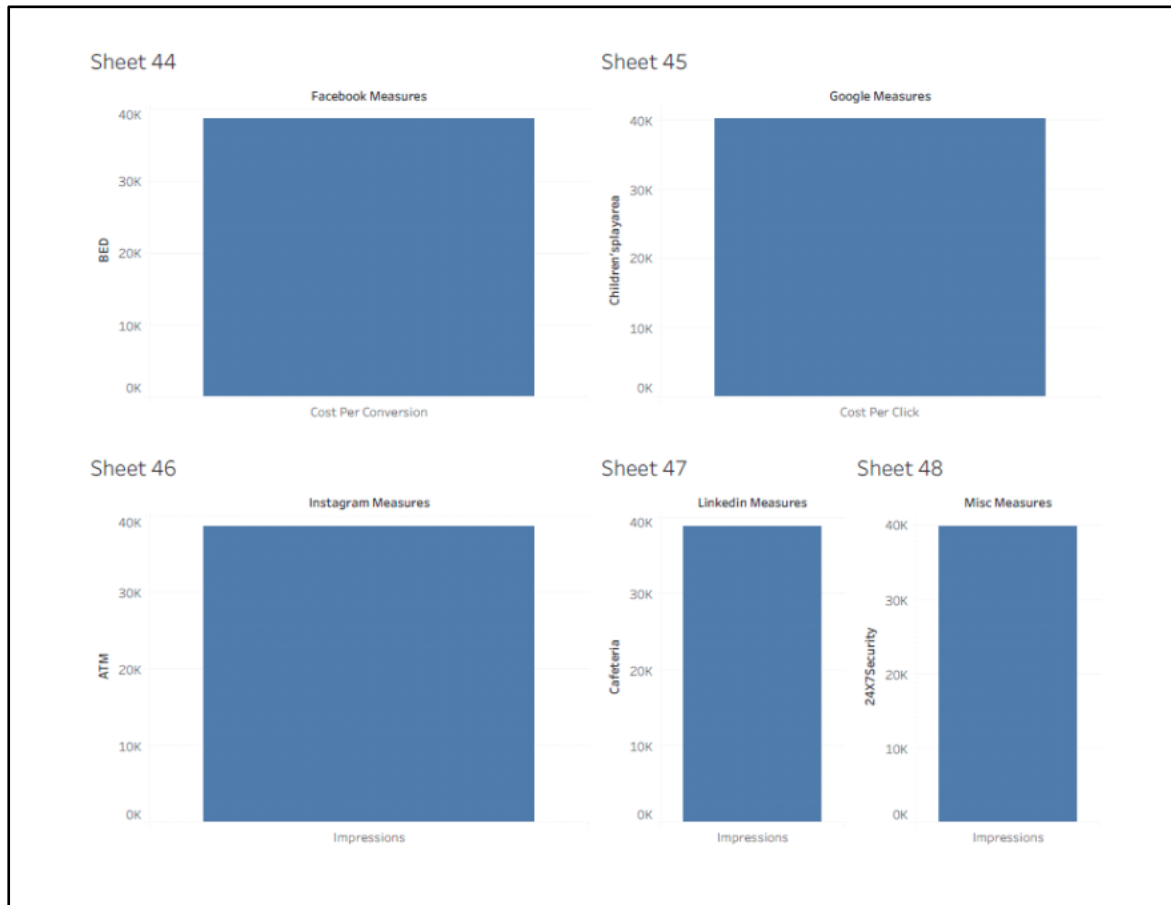


## 2.2 Ideation & Brainstorming Map



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### 3. RESULT



### 4. ADVANTAGES & DISADVANTAGES

#### Advantages:

House price prediction can "help the developer determine the selling price of a house and can help the customer to arrange the right time to purchase a house".

There are three factors that influence the price of a house which include physical conditions, concept and location.

#### Disadvantages:

Housing prices across major cities increase by 7%. Housing prices in India have surged during the first quarter of 2023 with the average price rise



across all the major realty markets being close to 7% .

The report said all the market covered in the analysis showed an upward movement in average rates of new homes.

## 5. APPLICATIONS

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.

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## 6. CONCLUSION

This implies that the housing markets in the different areas operate as segmented independent local markets. Therefore, house prices in one location in India cannot impose a competitive constraint on house prices in other location, and as such a home owner can freely set the price of his house.

## 7. FUTURE SCOPE

Houses with best facilities in India. By analysing the number of bedrooms and Services provided, may somebody with the 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.

## 8. APPENDIX

[https://public.tableau.com/views/Lovelytics-InstantAnalytics\\_16959712258930/Dashboard3?:language=en-US&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/Lovelytics-InstantAnalytics_16959712258930/Dashboard3?:language=en-US&:display_count=n&:origin=viz_share_link)





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