

Project Report

Analysing Housing Prices in Metropolitan Areas of India

1. INTRODUCTION :

1.1 Overview

The housing prices in metropolitan areas is a valuable solution for potential home buyers , real estate agents , and investors. Integration capability , data privacy , and cost-effectiveness are also important considerations. It analysis the data to understand the impact of supply and demand on housing prices. Finally it provides a reliable insights solutions for real estate-markets.

1.2 Purpose

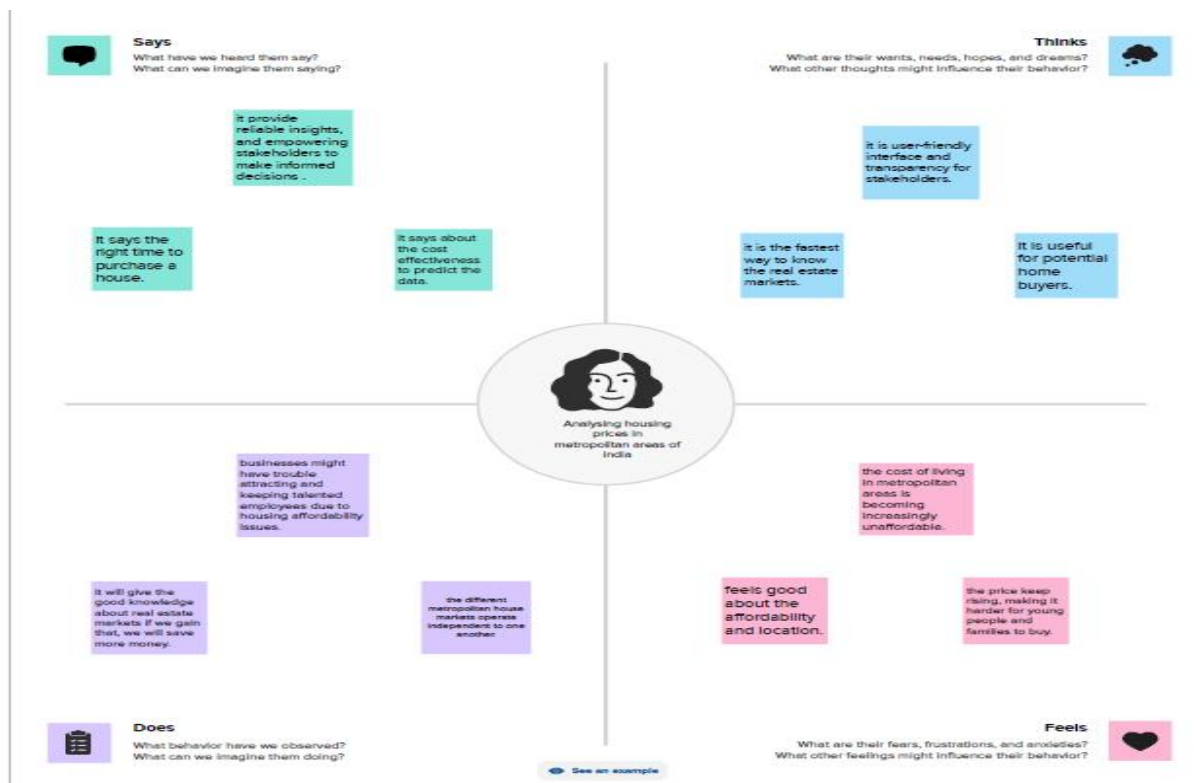
- *Understand how supply and demand impact housing prices.

*Make informed decisions and find investment opportunities in the housing market.

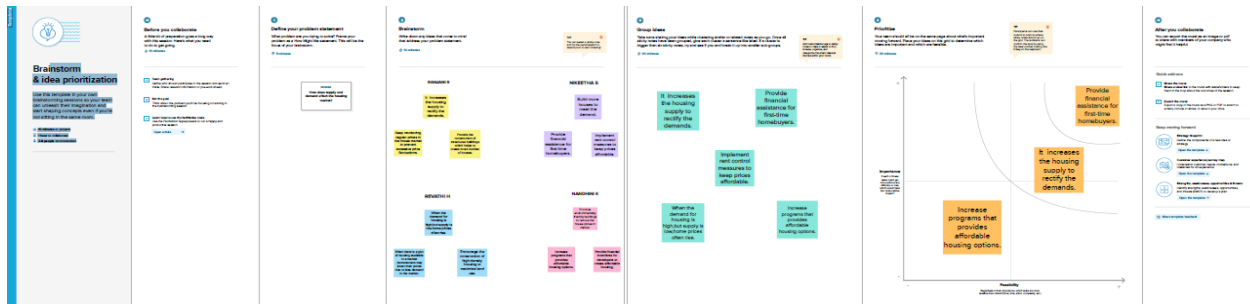
*communicate findings effectively through visualizations to drive actions and address market challenges.

2. PROBLEM DEFINITION & DESIGN THINKING :

2.1 Empathy Map

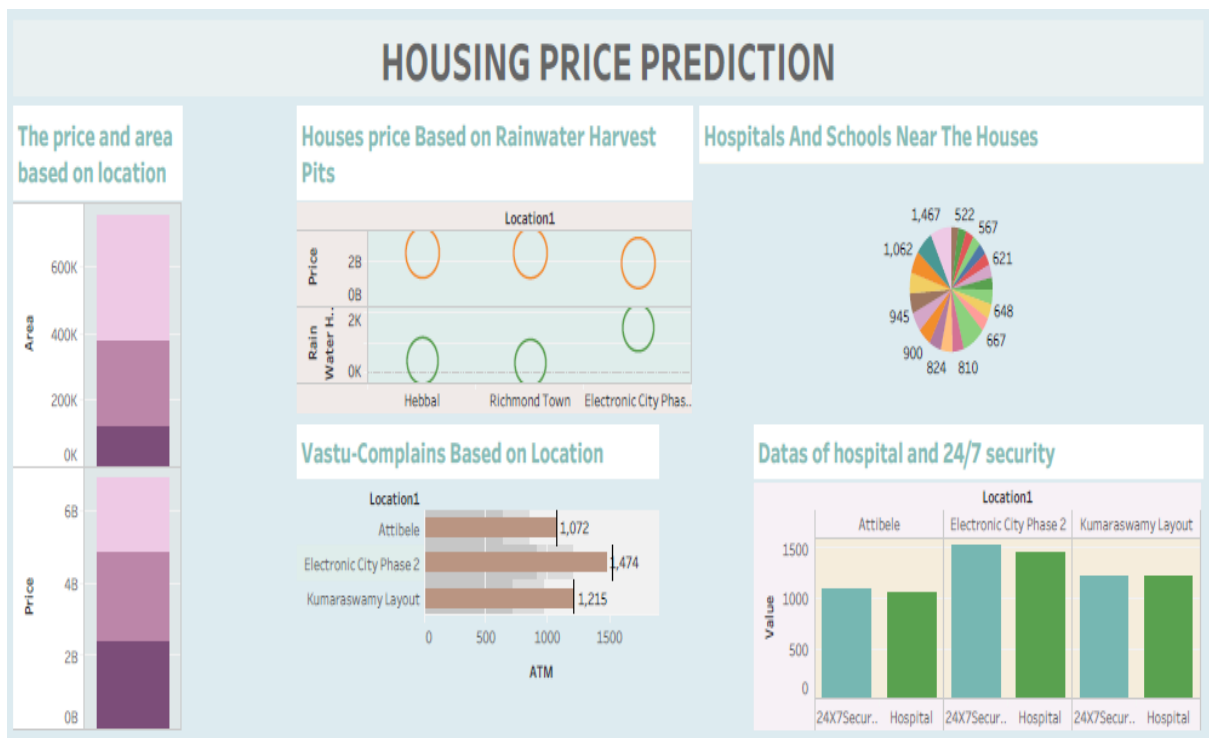


2.2 Ideation & Brainstorming Map



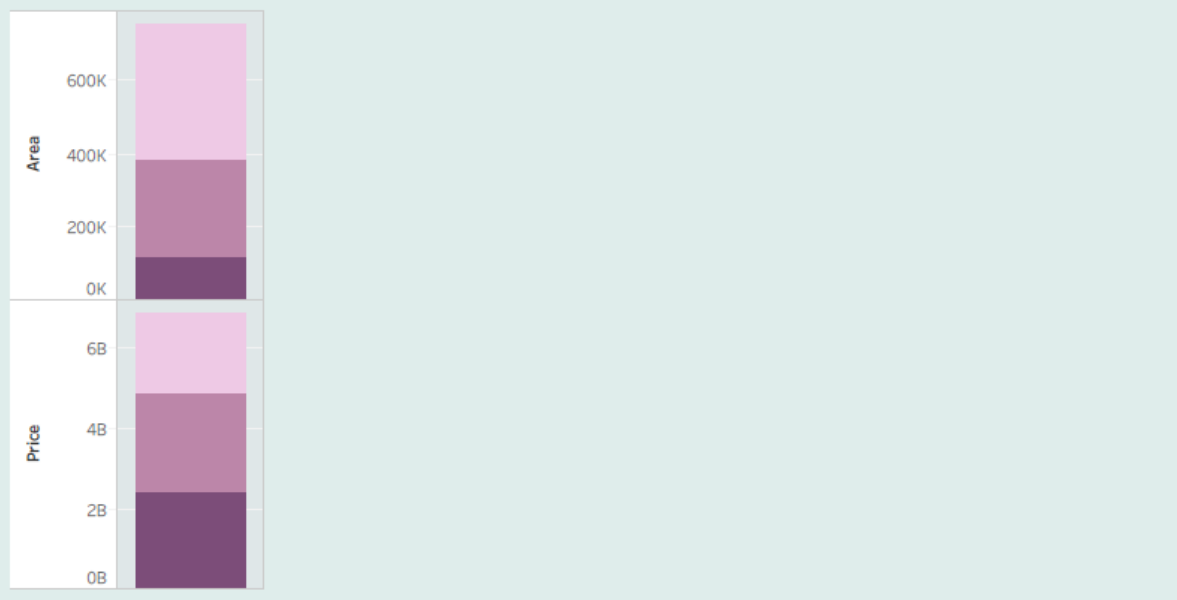
3. RESULT :

Dashboard



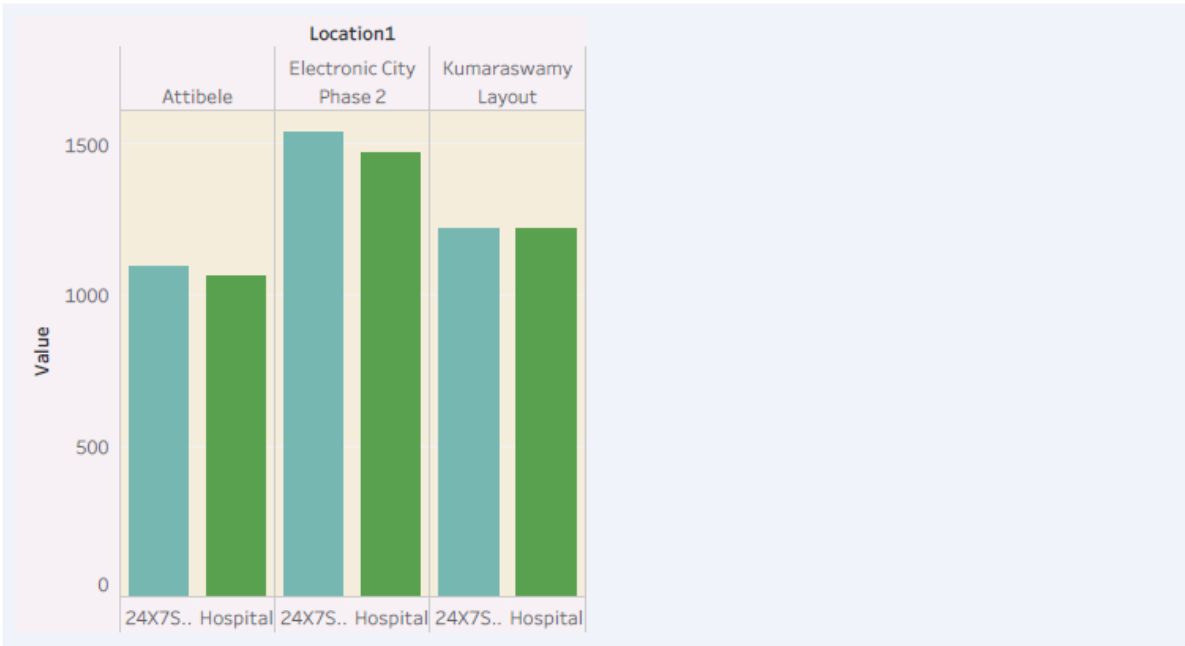
Story 1

The given data explains about the highest prediction based on areas and prices where the 1st highest many paying area was Electronic City Phase - II



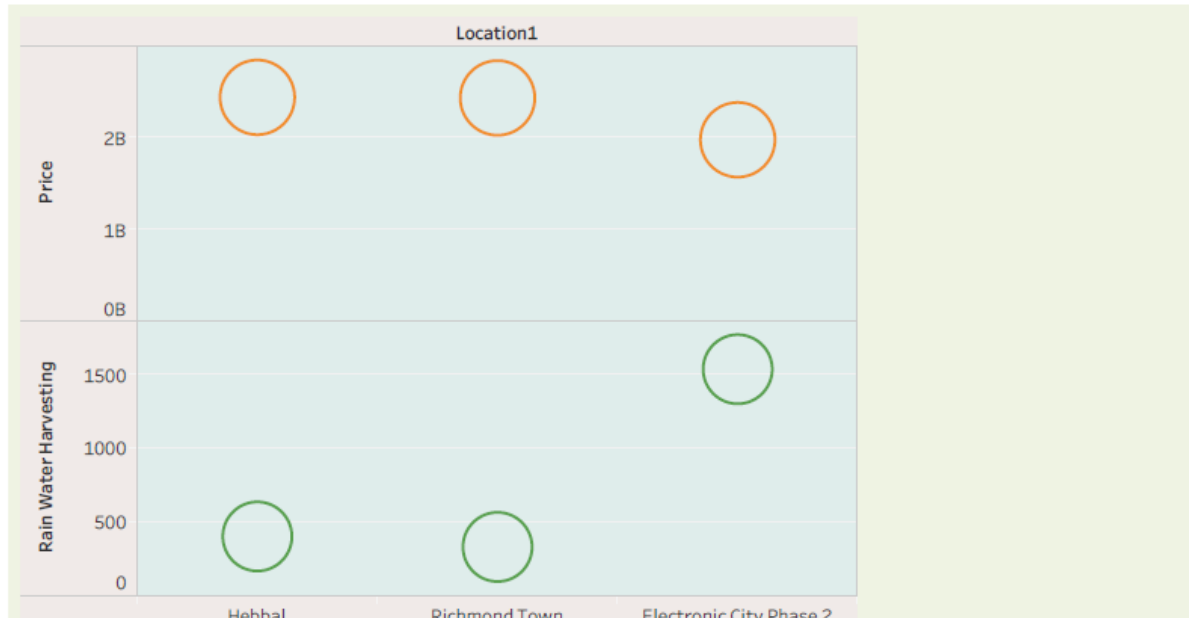
Story 2

The given data in the graph describes about the measures of security service and hospital facilities near by the location.



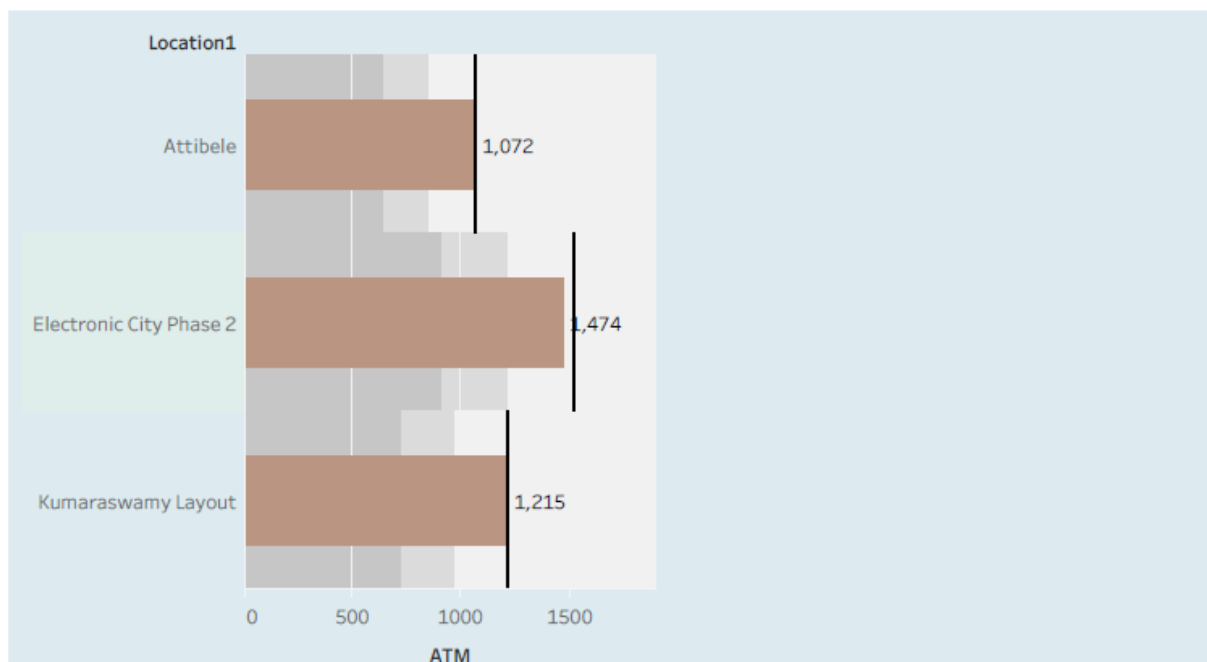
Story 3

The datas in the page describes about the prices of houses based on the rainwater harvesting is high in Electronic City Phase - II



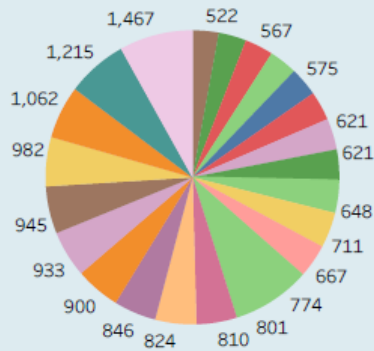
Story 4

The given datas are about the Vastu-Complains on the location of Electronic City Phase-II has the highest priority.



Story 5

The datas in the pie chart define the availability of hospitals and schools near the houses.
The availability count for the above parameters in Electronic City Phase - II has 1,467.



4. ADVANTAGES & DISADVANTAGES :

□ Advantages

1. The programs which are used to contribute for reducing homelessness and improving overall

community well-being.

2. It can provide more choices for buyers and renters, creating a more competitive market.
3. It can empower individuals and families to achieve the dream of owning their own home.

□ Disadvantages

1. The argue of these programs may discourage private investments in the housing market and decrease in

overall housing supply.

2. There is a risk of potential dependency on financial assistance, which may not be sustainable for long period.
3. The impact on the environment, as more construction can lead to increased in resource consumption and habitat destruction.

5. APPLICATIONS :

- ◆ It's applicable in real estate industry for determining property values, rental prices, and investment opportunities.

- ◆ It also helps urban planners and policymakers to make decisions above land use, zoning regulations, and affordable housing initiatives.
- ◆ There is also a big impact on economic factors like interest rates and employment rates, on the housing market.
- ◆ By understanding housing demand can also guide the development of amenities and services in different neighborhoods, creating more vibrant and livable communities.

6. CONCLUSION :

From the above solution we conclude that, when there's high demand for housing but limited supply and the prices goes up. Increasing the housing supply can help make homes more affordable. It's a delicate balance, but understanding the dynamics of supply and demand is key to

addressing housing affordability challenges. By finding ways to increase supply and meet the demands, we can work towards creating a more accessible housing market for everyone.

7. FUTURE SCOPE :

There are several future enhancements that can improve the housing markets are,

- ❖ The development of innovative construction techniques and materials, which can help increase the speed and efficiency of building new homes.
- ❖ Advancements in technology, such as smart home features and sustainable energy solutions, may also influence housing demand.
- ❖ The housing market which implements zoning reforms and land use policies, Which helps to increase the density of housing in

certain areas and allowing for more homes to be built on available land.

- ❖ The investment in infrastructure and transportation improvements can also enhance the housing market by improving accessibility and connectivity to different areas, making them more desirable for potential buyers or renters.
- ❖ Overall, these enhancements have the potential to improve housing supply, affordability, and sustainability.