

Housing Prices In Metropolitan Cities Of India

1. INTRODUCTION

1.1 Overview

⇒ House price prediction in a metropolitan city in India is a valuable solution for potential home buyers, real estate agents & investors. By leveraging historical 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.

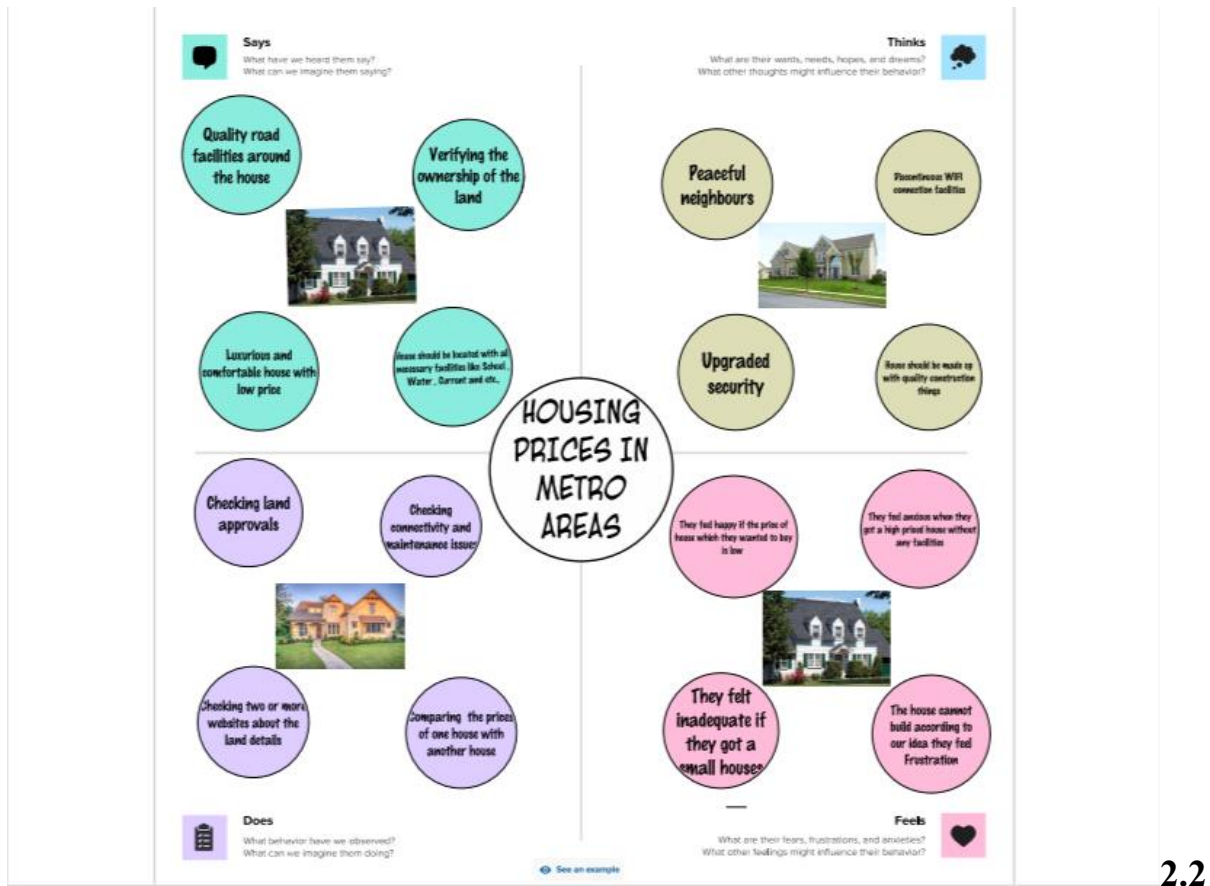
⇒ By addressing these requirements, the prediction model provides reliable insights, empowering stakeholders to make informed decisions in the fast-paced real estate market.

1.2 Purpose

⇒ Rising prices have created a grave economic situation in India. It has posed a serious threat to the stability of the society as a whole. Economic explosion leading to social tension and political imbalance. This leads to corruption and mal practices. So the government should take drastic steps to check the price line.

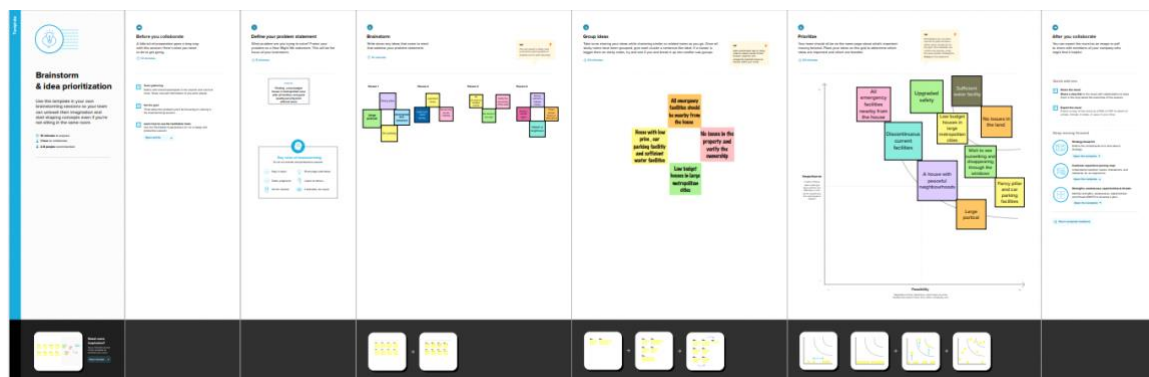
2. Problem Definition & Design Thinking

2.1 Empathy Map



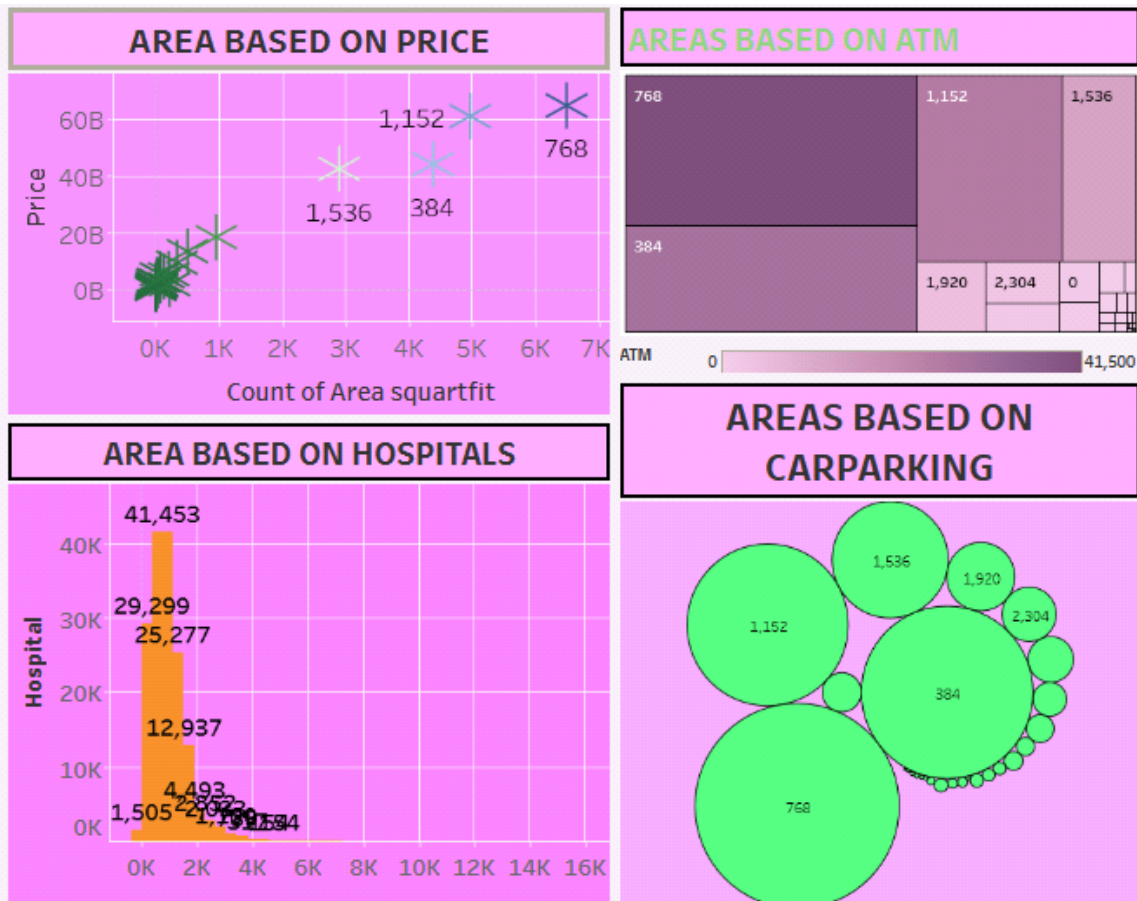
2.2

Ideation & Brainstorming Map

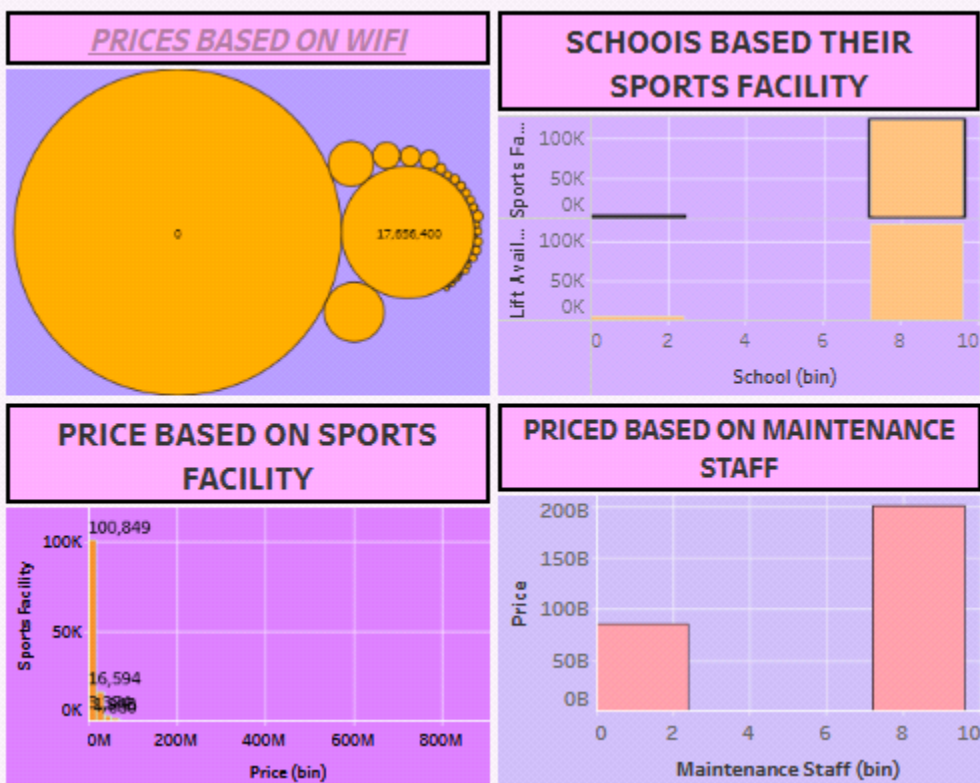


RESULT

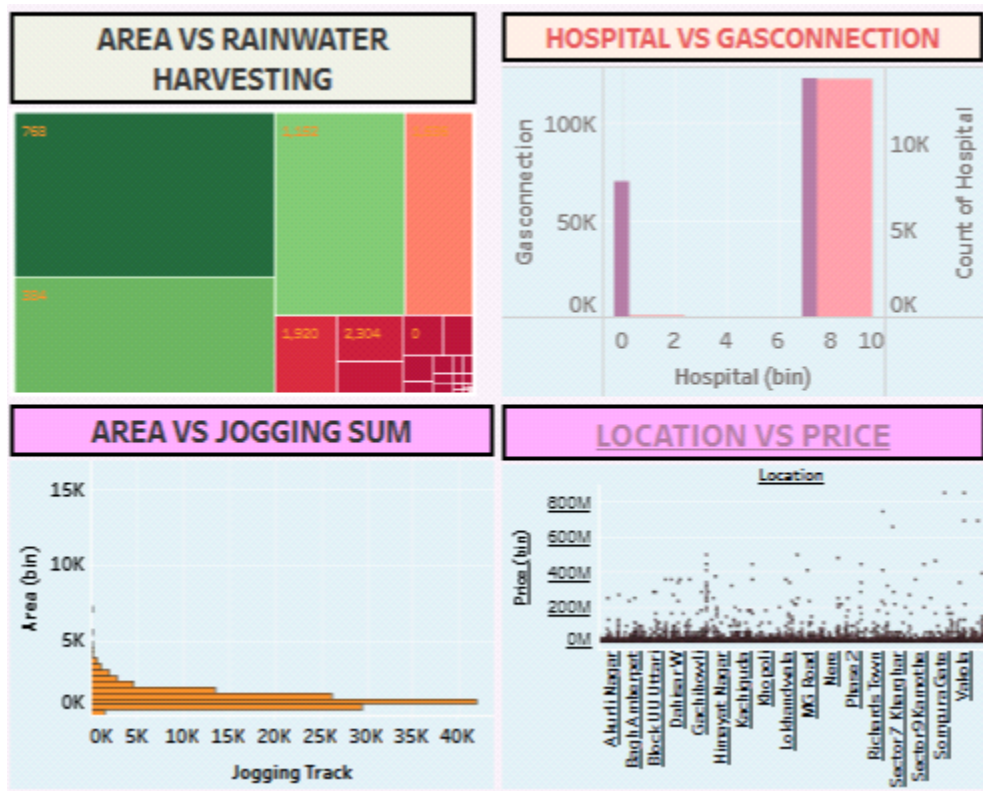
Dashboard 1



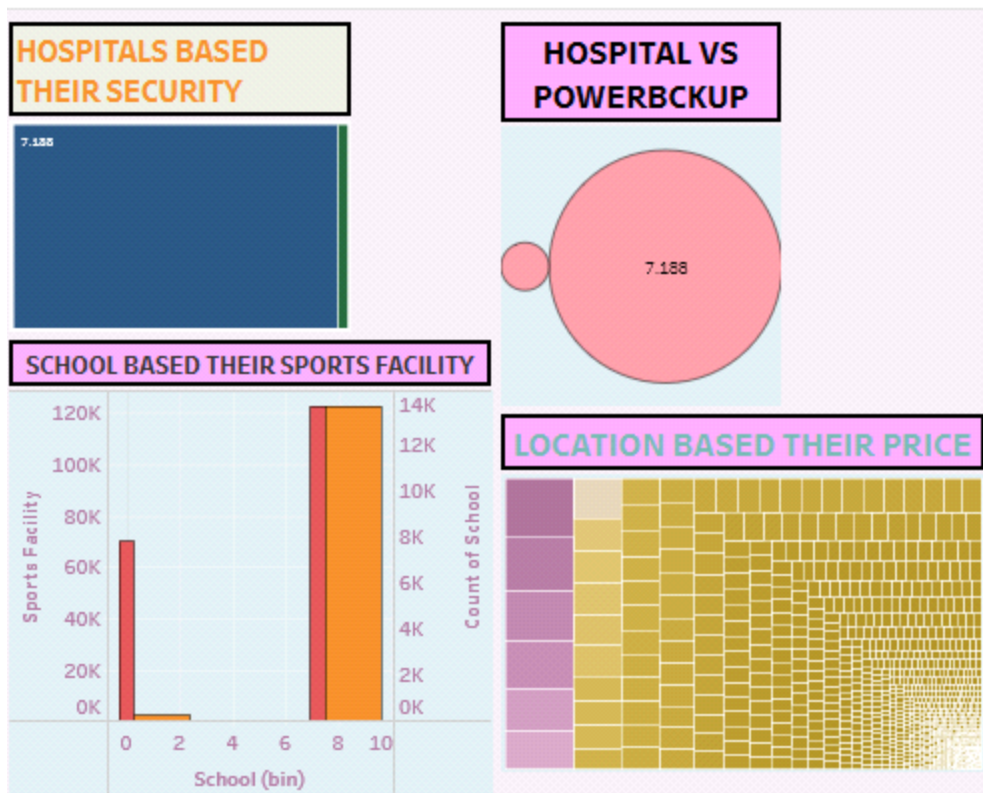
Dashboard 2



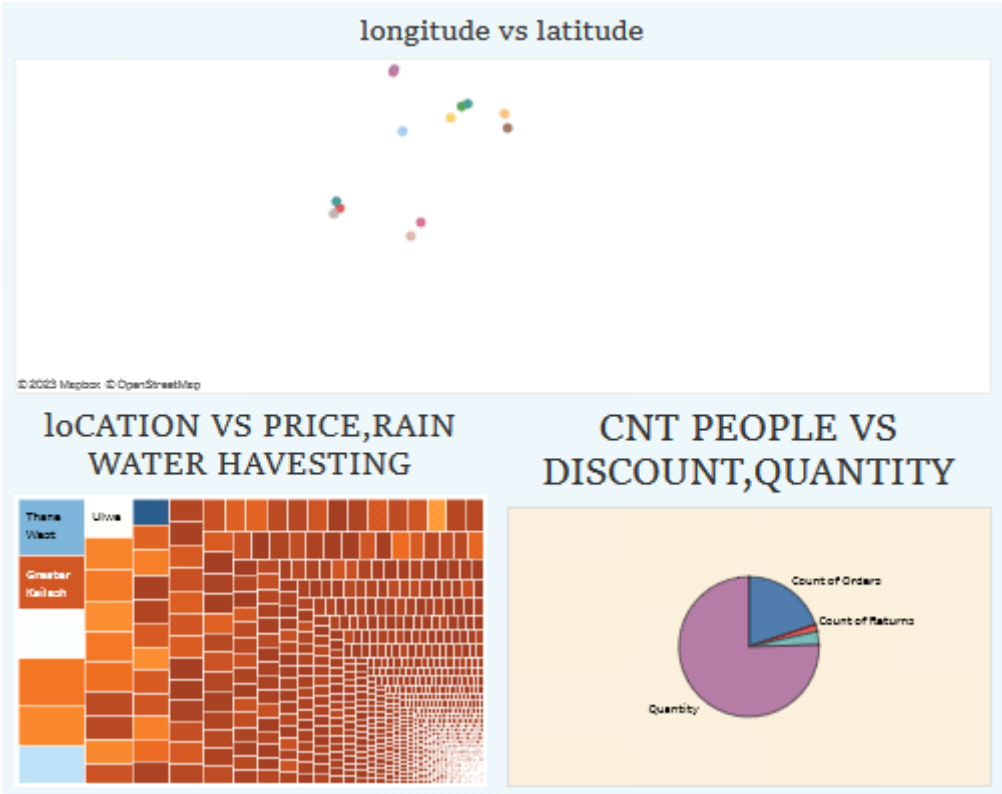
Dashhboard



Dashboard 4

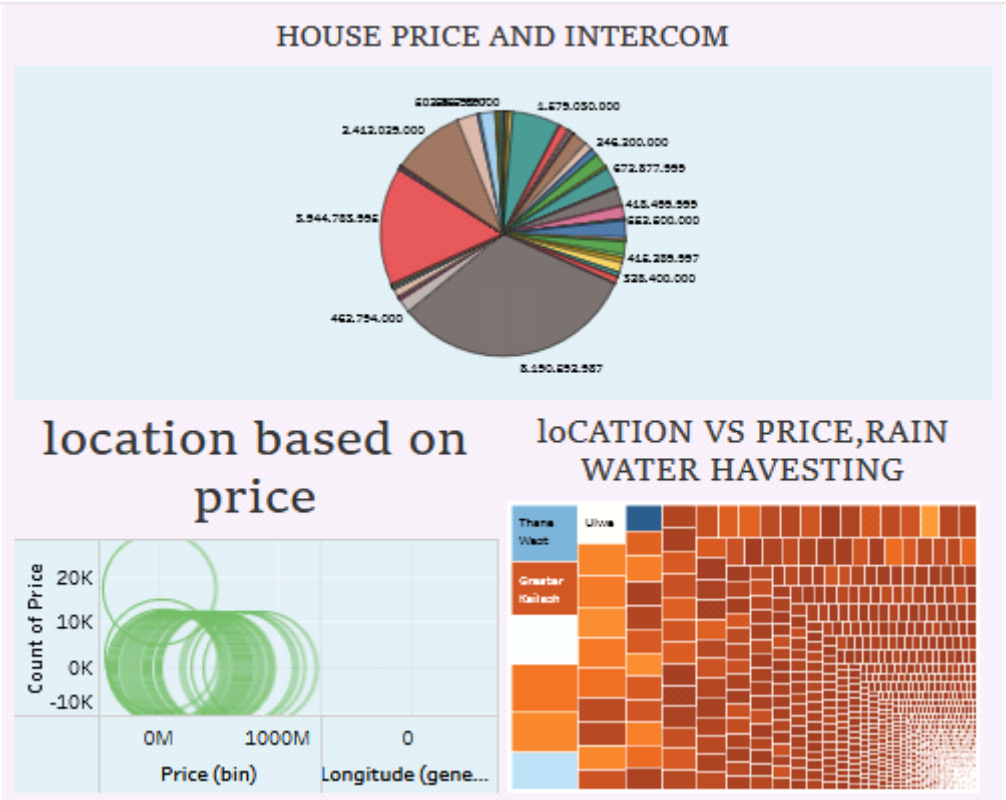


Dashboard 5



Dashboard

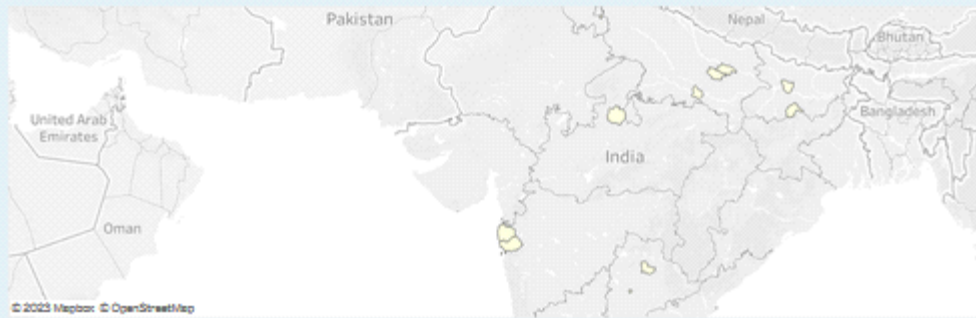
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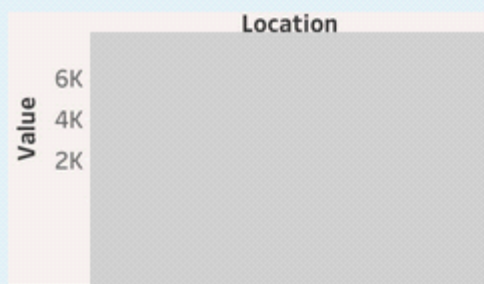
Dashboard

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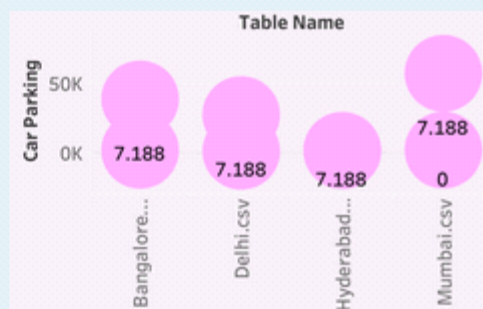
PRICES AND THEIR LOCATION



ALL SERVICES BASED ON LOCATION

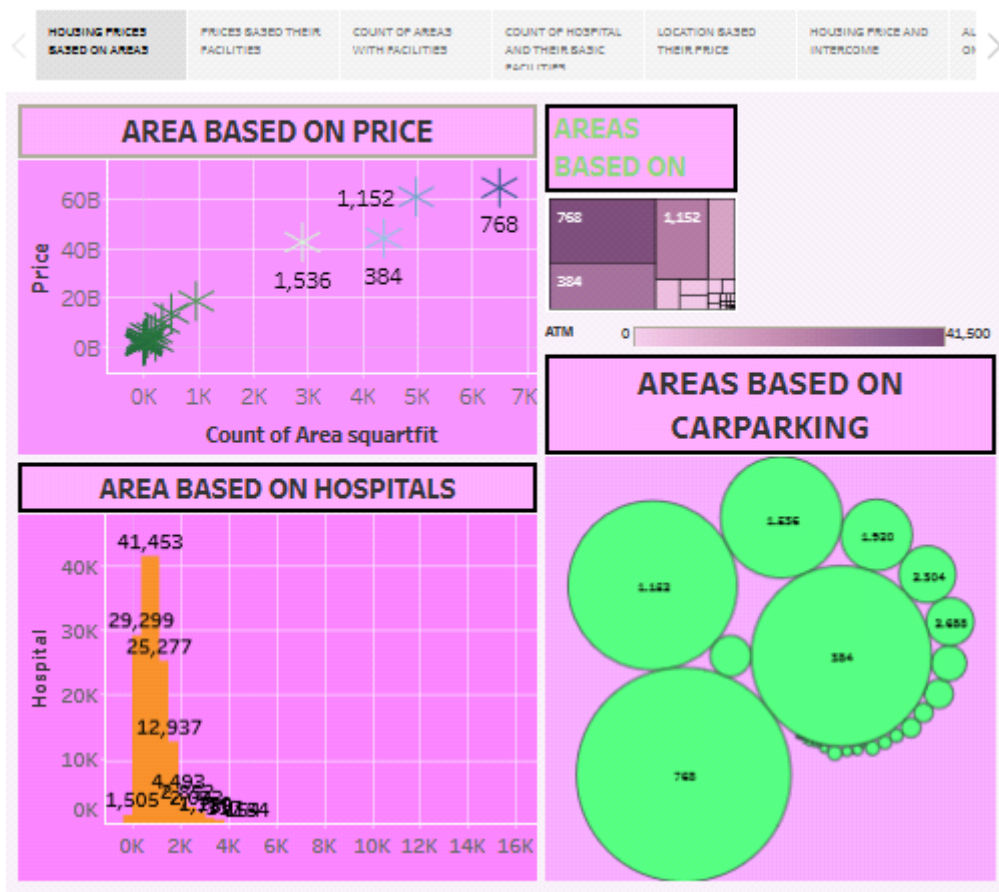


CITIES AND THEIR CARPARKING FACILITY



Story

Story 1



ADVANTAGES & DISADVANTAGES

Advantages :

- ⇒ The uses of price prediction include increasing customer loyalty and engagement.
- ⇒ By accurately reflecting the prices of different goods and services using accurate data, customers are more likely to trust the company and its business processes

Disadvantages:

- ⇒ It doesn't predict future prices of the houses mentioned by the customer. Due to this, the risk in investment in an apartment or an area increases considerably.
- ⇒ To minimize this error, customers tend to hire an agent which again increases the cost of the process.

APPLICATIONS

In metropolitan cities like ,

- Bangalore
- Kolkata
- Delhi
- Hyderabad
- Chennai

We can apply this solution.

CONCLUSION

Problem Definitions & Design Thinking is done by creating graphical representations. The goal of Data visualization is to make complex Data sets more accessible, Intuitive and easier to interpret. Dashboard for this project is created which is crucial to ensure that the information is understandable and finally story is done which is the way of presenting data and analysis in a narrative format. The main goal of storyboard is making the information more engaging and easier to understand. By building this project we can understand the Impact of Housing Prices In Metropolitan Areas.

FUTURE SCOPE

House price prediction can help the developer to 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.