

INTRODUCTION

OVERVIEW:

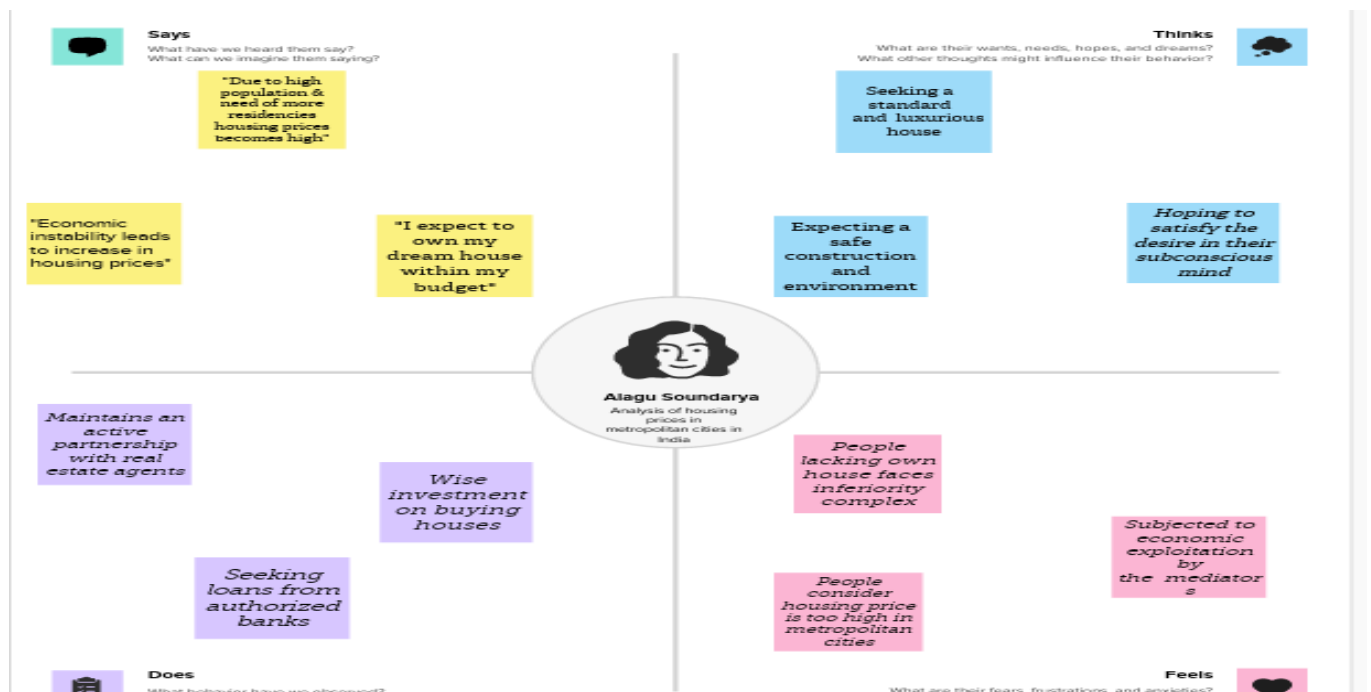
Analysing the housing prices in metropolitan cities in India. This dataset contains a record of housing prices in metropolitan cities of India. Here we going to analyse and visualize the housing prices place wise and also city wise in India.

PURPOSE:

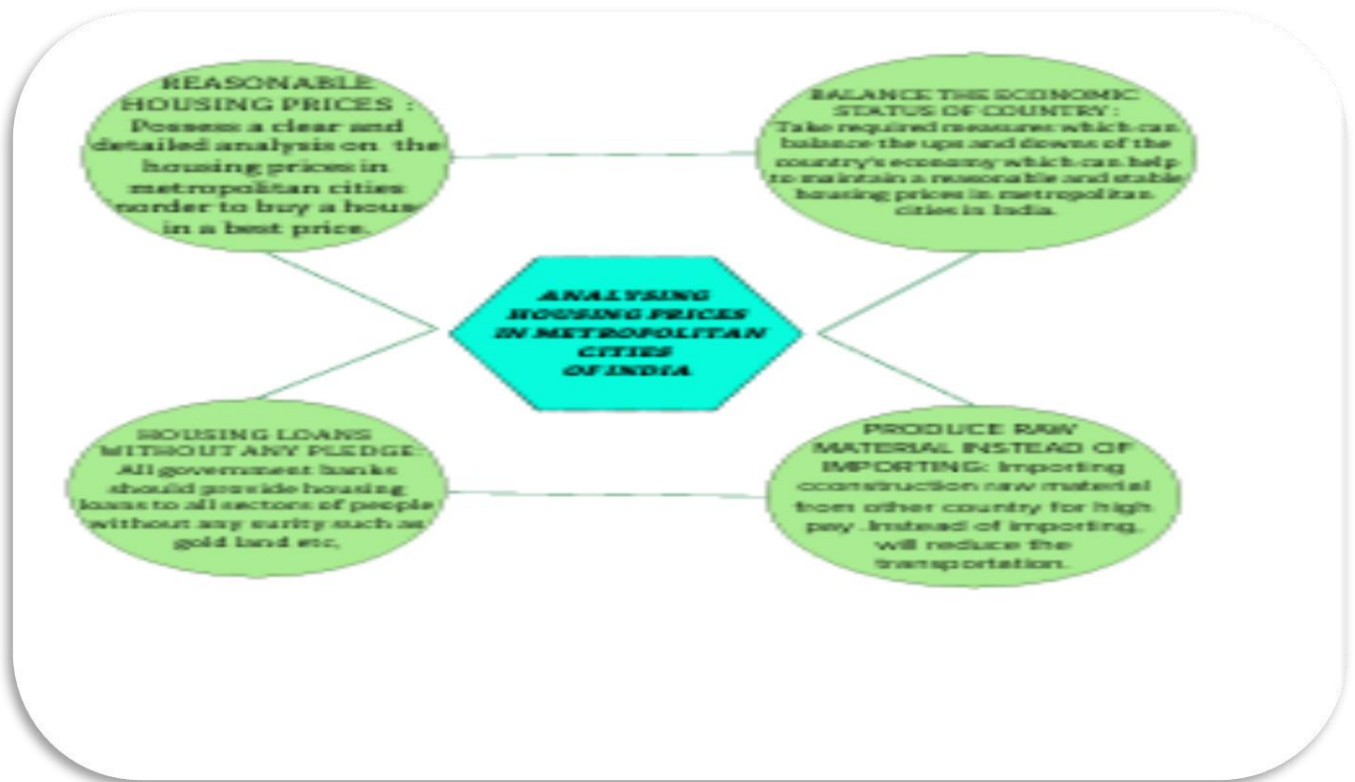
The analysis is to predict the efficient house pricing for real estate customers with respect to their budgets and priorities. Also, paves a way for agents, investors and creditors.

PROBLEM DEFINITION AND DESIGN THINKING

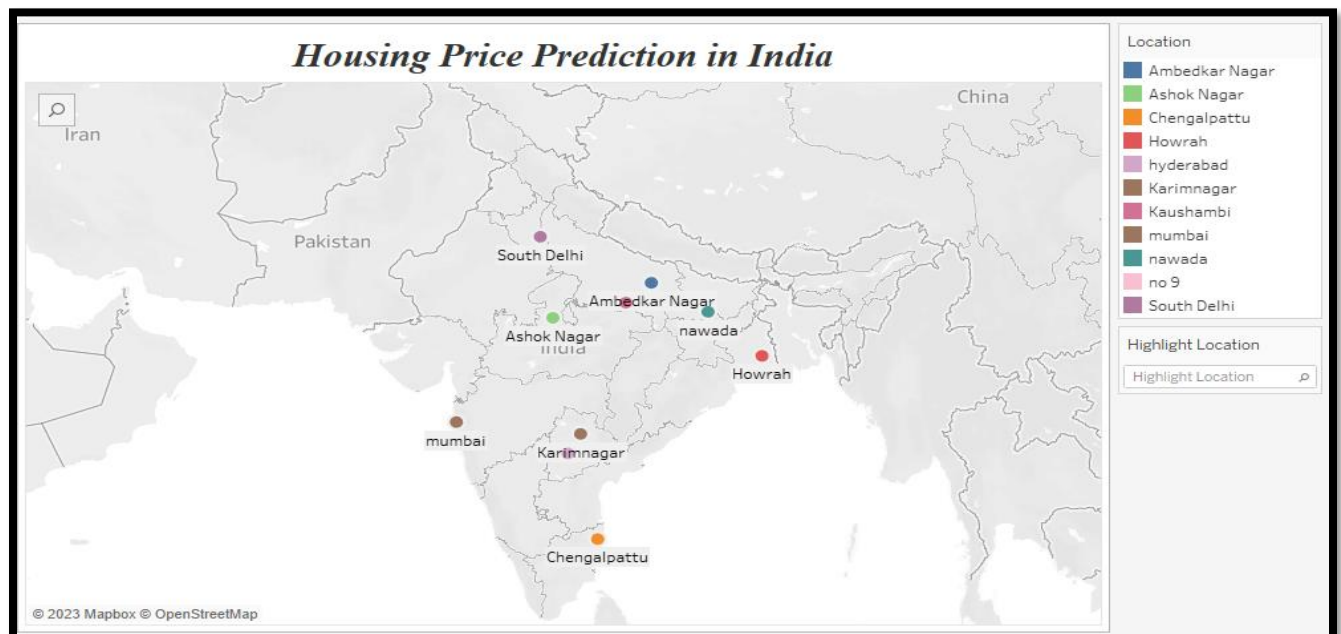
Empathy map:



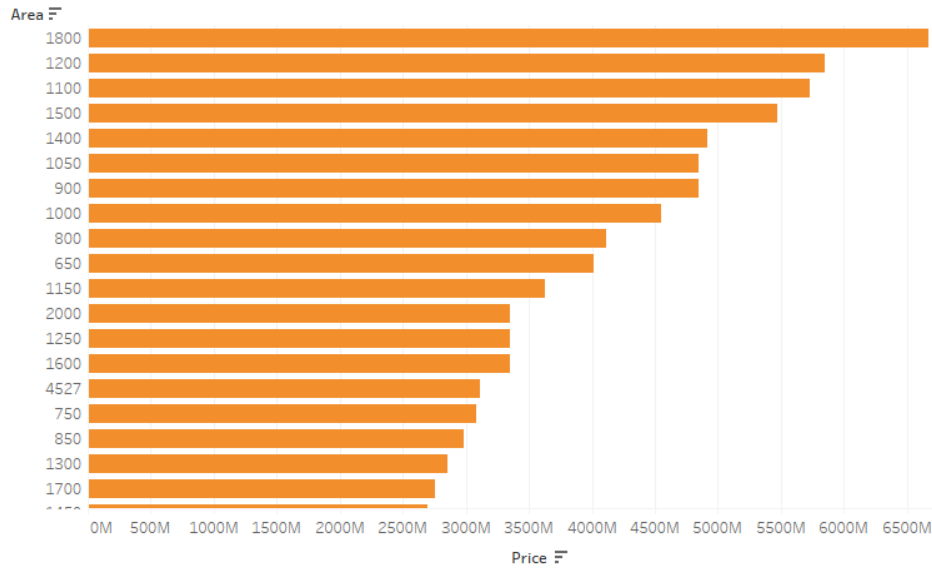
IDEATION AND BRAINSTORMING:



RESULTS



Sheet 2

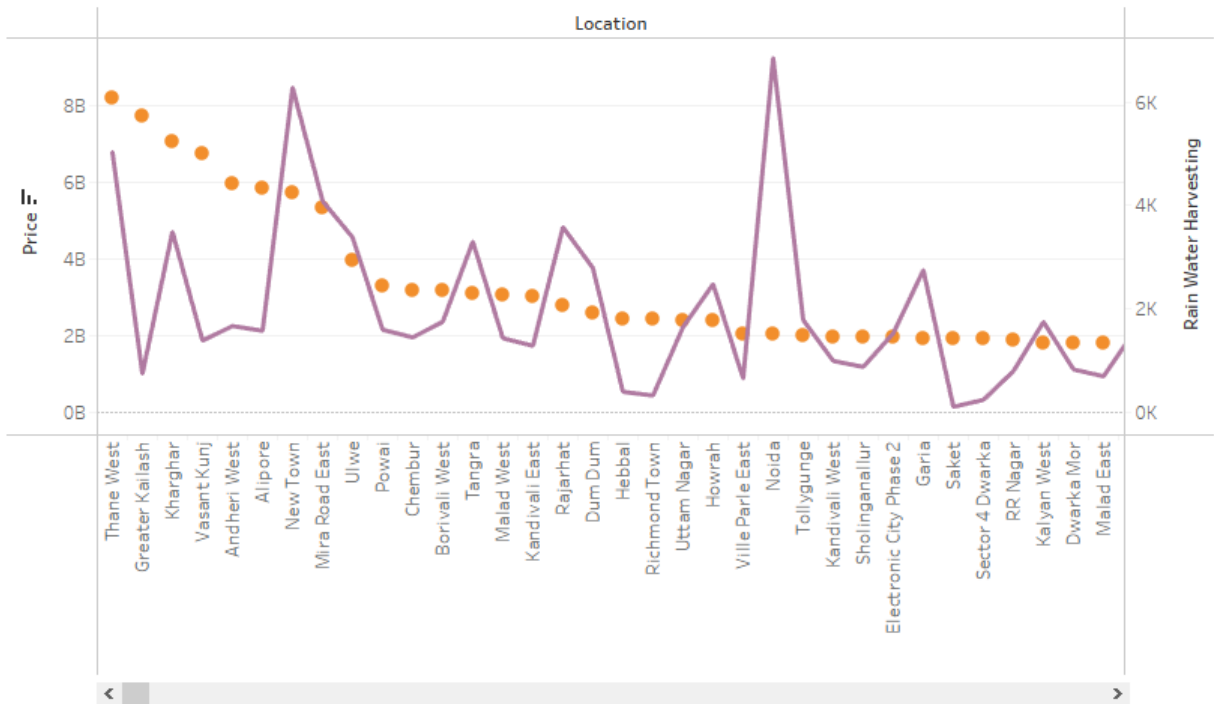


Area

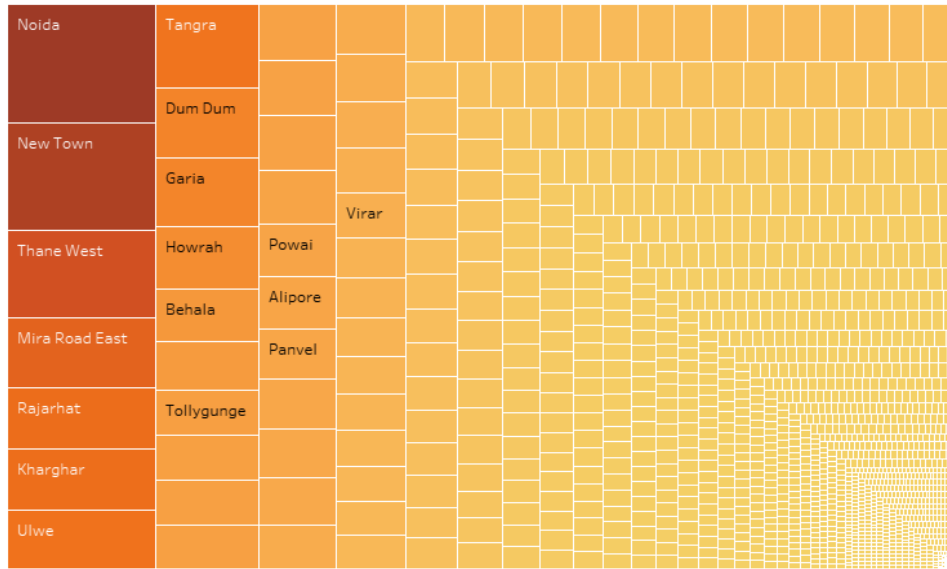
Highlight Area

Highlight Area

Sheet 3



Sheet 4



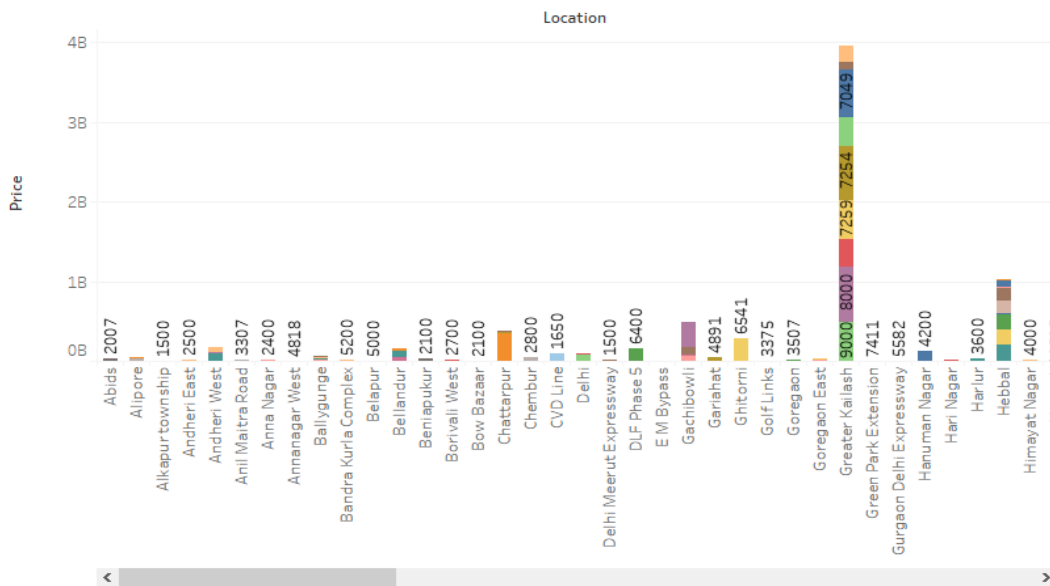
SUM(Vaastu Compliant)

0 6,849

Highlight Location

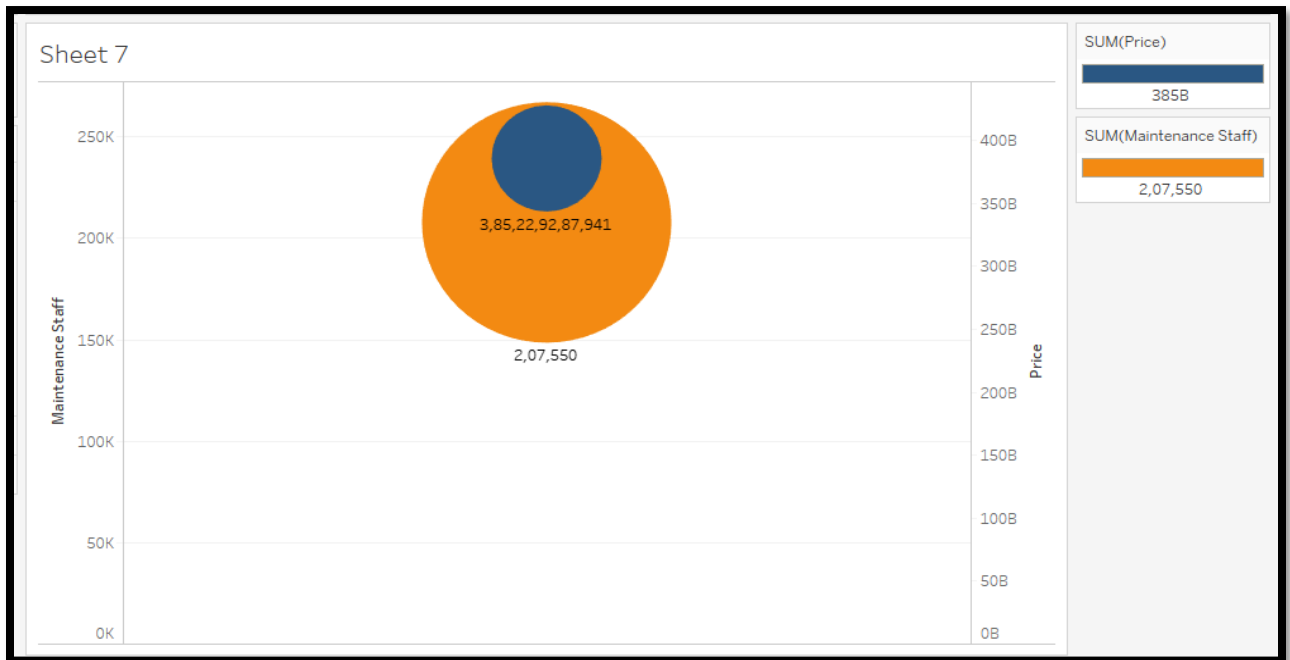
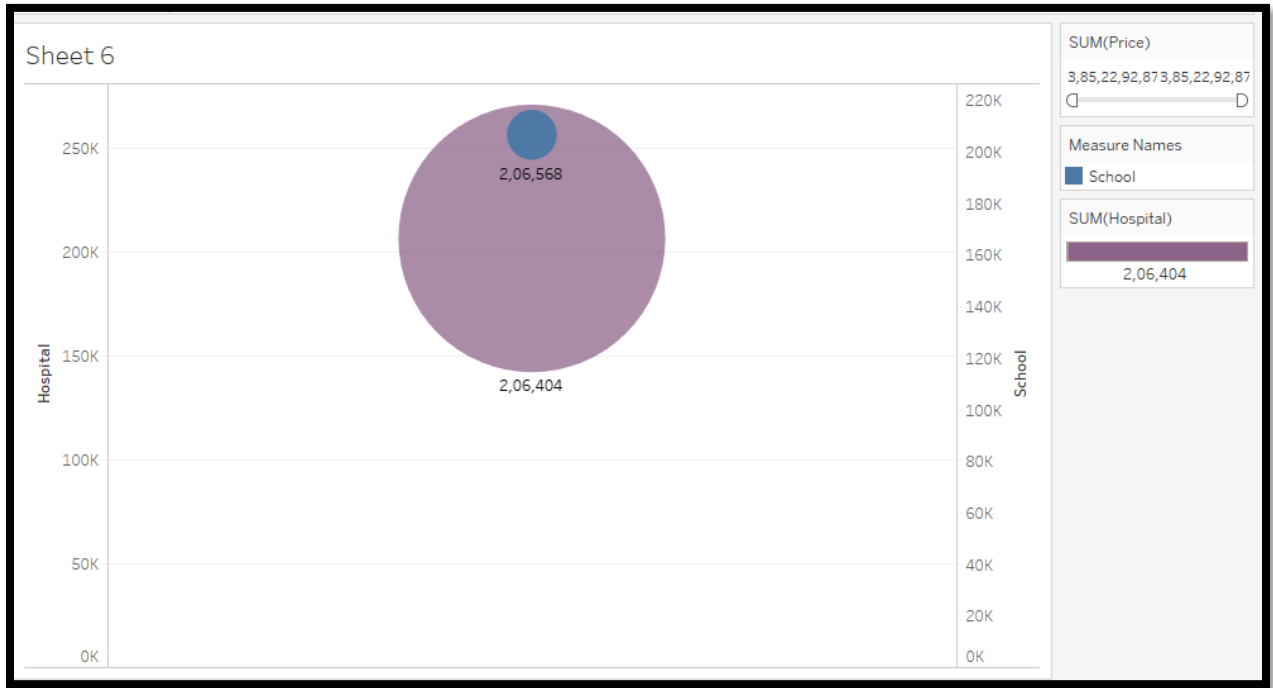
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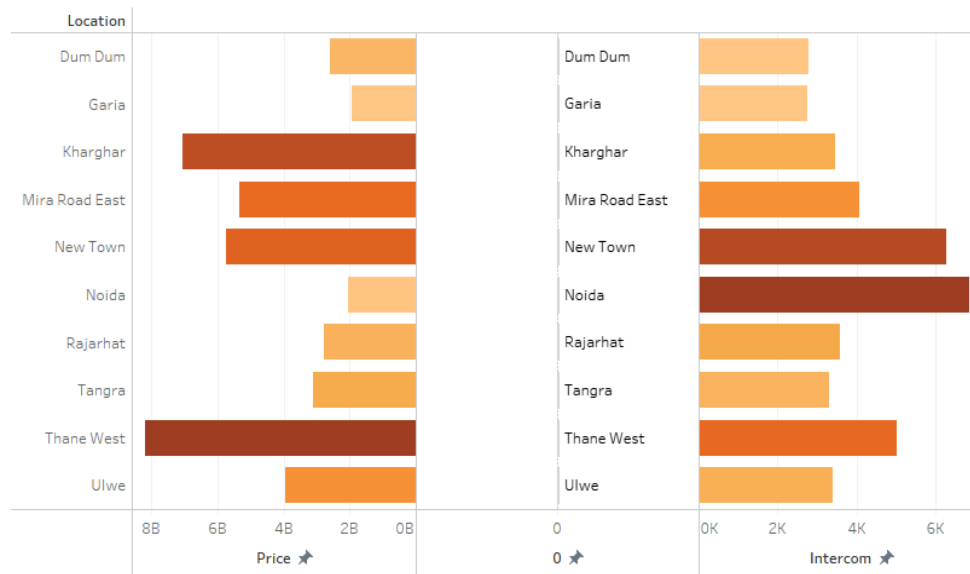


Area

1500
1650
1700
1800
1925
2000
2007
2095
2100
2150
2178
2250
2320
2400
2500
2520
2585
2590
2670
2700
2750
2800
2900
2905
3000



Sheet 8



Location

Limit

Top 10 by

SUM([24X7Security])

SUM(Intercom)

2,754 6,849

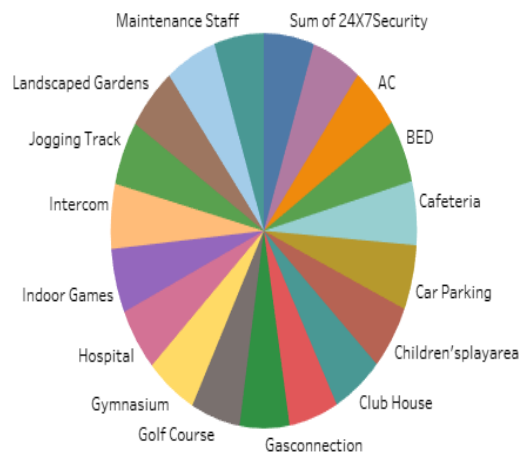
SUM(Price)

2B 8B

Highlight Location

Highlight Location

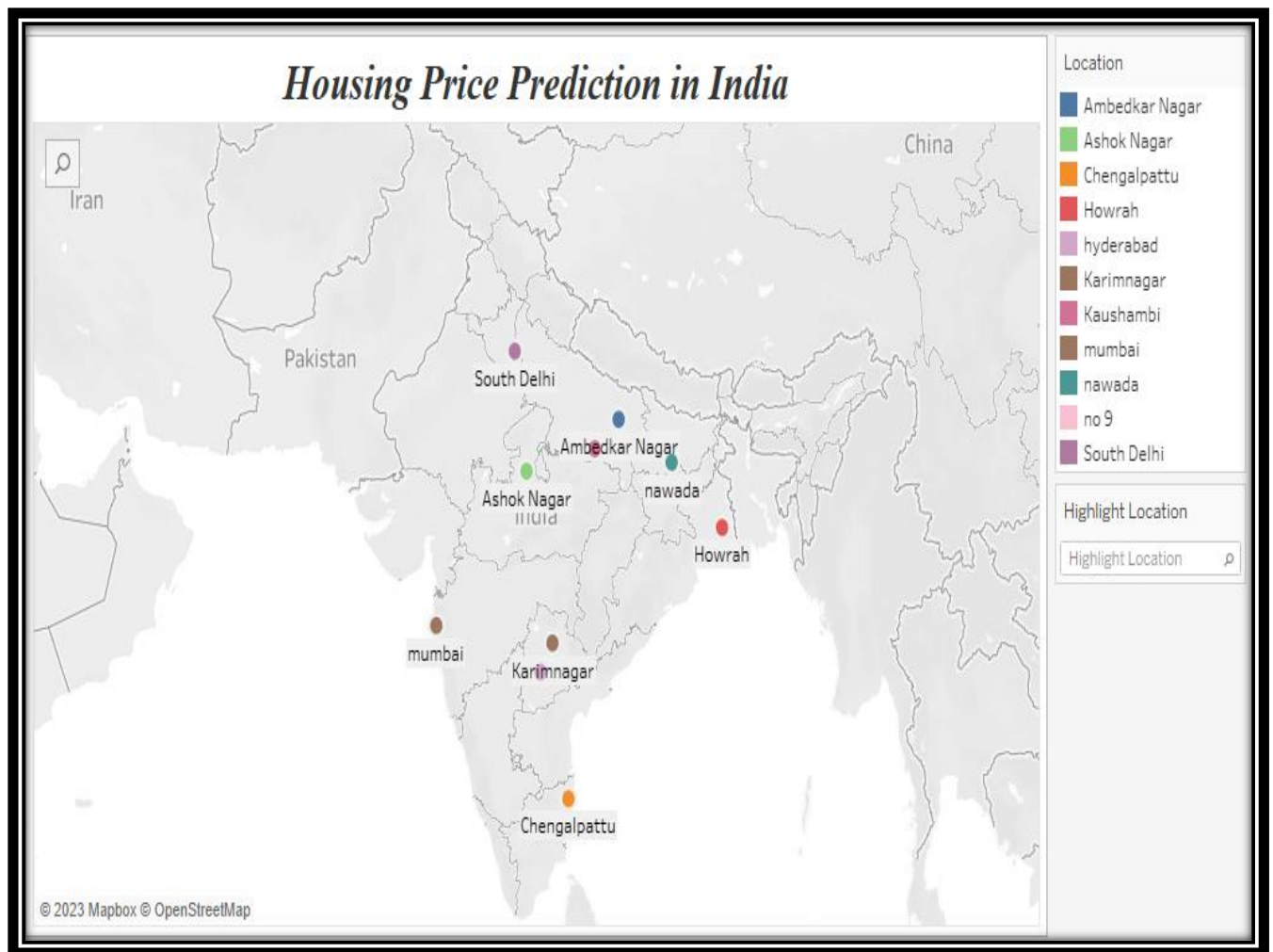
Sheet 9



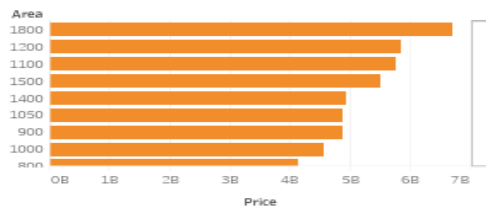
Measure Values

3,964,698

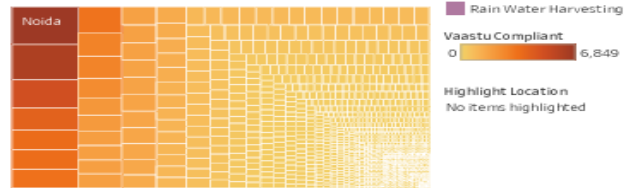
DASHBOARD:



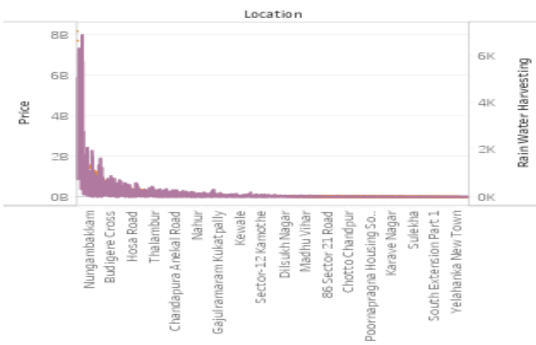
Sheet 2



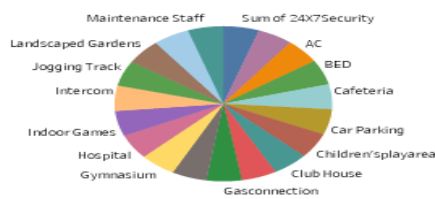
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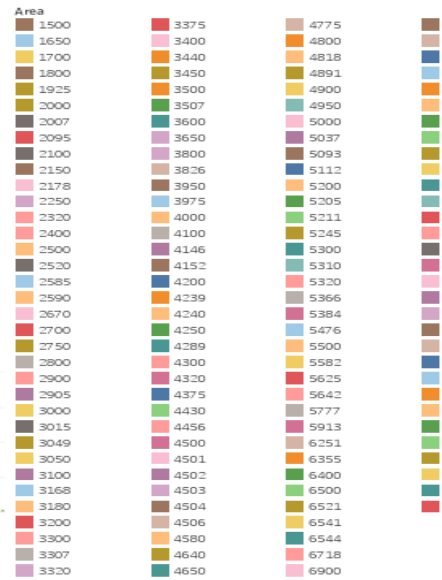
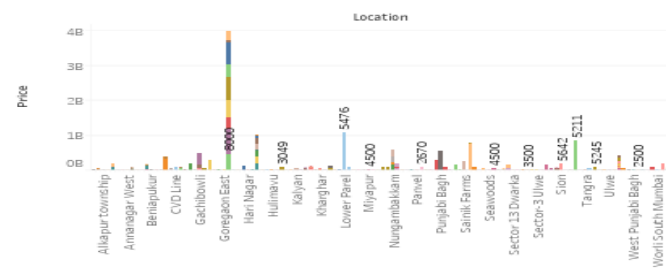
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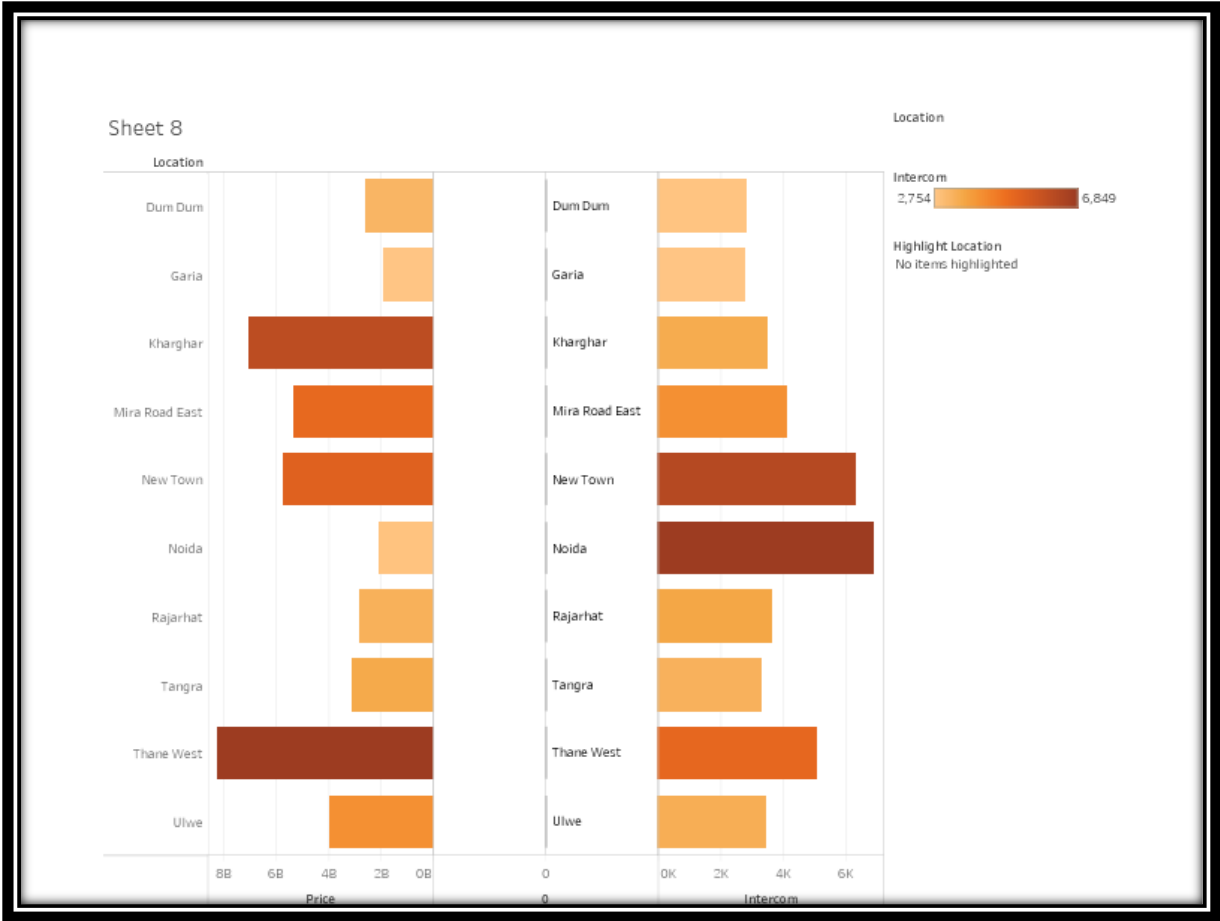
Sheet 9



Sheet 5

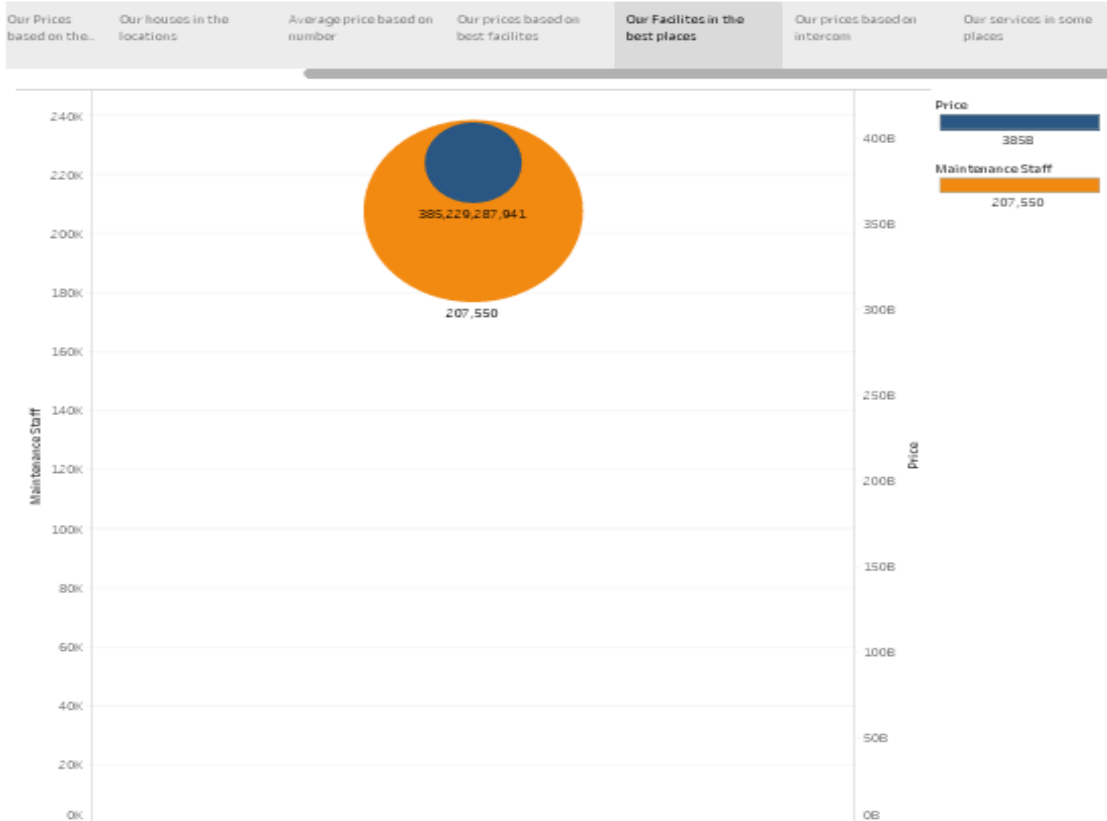


3 964.698



STORY

Story 1



ADVANTAGES:

- Predicting housing prices: Helps the developer determine the selling price of a house and can

help the customer to arrange the right time to purchase a house.

- Providing solution: It gives valuable solution for potential home buyers real estate agents and investors.
- Large scale area allotment: Given the rising desire for larger living spaces, developers persist in launching upscale projects
- Modifying action plan: It helps to create required modifications in the default house civil structure and price structure.
- Urban area identification: Increased housing prices explains the progress of the urban metropolitan cities

DISADVANTAGES:

- ❖ Incorrect prediction: It doesn't predict future prices of the houses mentioned by the customer.
- ❖ Lack of own houses: Due to increased housing prices, all people can't buy their own house.

- ❖ Intermediators exploitation: Increased housing prices pays a lot to the mediators or house agents by the public.
- ❖ Construction company's gain: This may lead the construction companies a great profit rather providing comfort to public.
- ❖ Economic crises: Due to high housing prices there occurs an economic imbalance between people in the society

APPLICATIONS:

- Customer satisfaction: It can be used by investors, agents and construction companies to satisfy customer's desire.
- Price prediction: This analysis helps the public to predict the housing prices in metropolitan cities of India.
- Determines the prices: It helps the companies to determine prices of houses as per the location and indispensable needs of people.
- House maintenance: Public lacking own house belongs to a rental house. So, the house maintenance cost is managed by the house owner.

- New buildings: Higher prices may lead to an expansion of new house-building as construction companies have the incentive of making more profit.

CONCLUSION:

The entire project talks about the analysis of housing prices in metropolitan cities of India. The entire project helps the government in maintaining the Indian economy and paves way for the public to analysis the housing prices while attaining their own house. Also, guides the house owners, agents, creditors and investors.

FUTURE SCOPE:

The project can be further developed by adding more metropolitan cities which are left in the given dataset such as Pune, Ahmadabad, Meerut. Addition visualisation, dashboard and stories can be made for the housing prices in metropolitan cities of India in future. Also, the website may be updated according to future results.