
ANALYSING HOUSING PRICES IN METROPOLITAN AREAS OF INDIA

INTRODUCTION

Overview

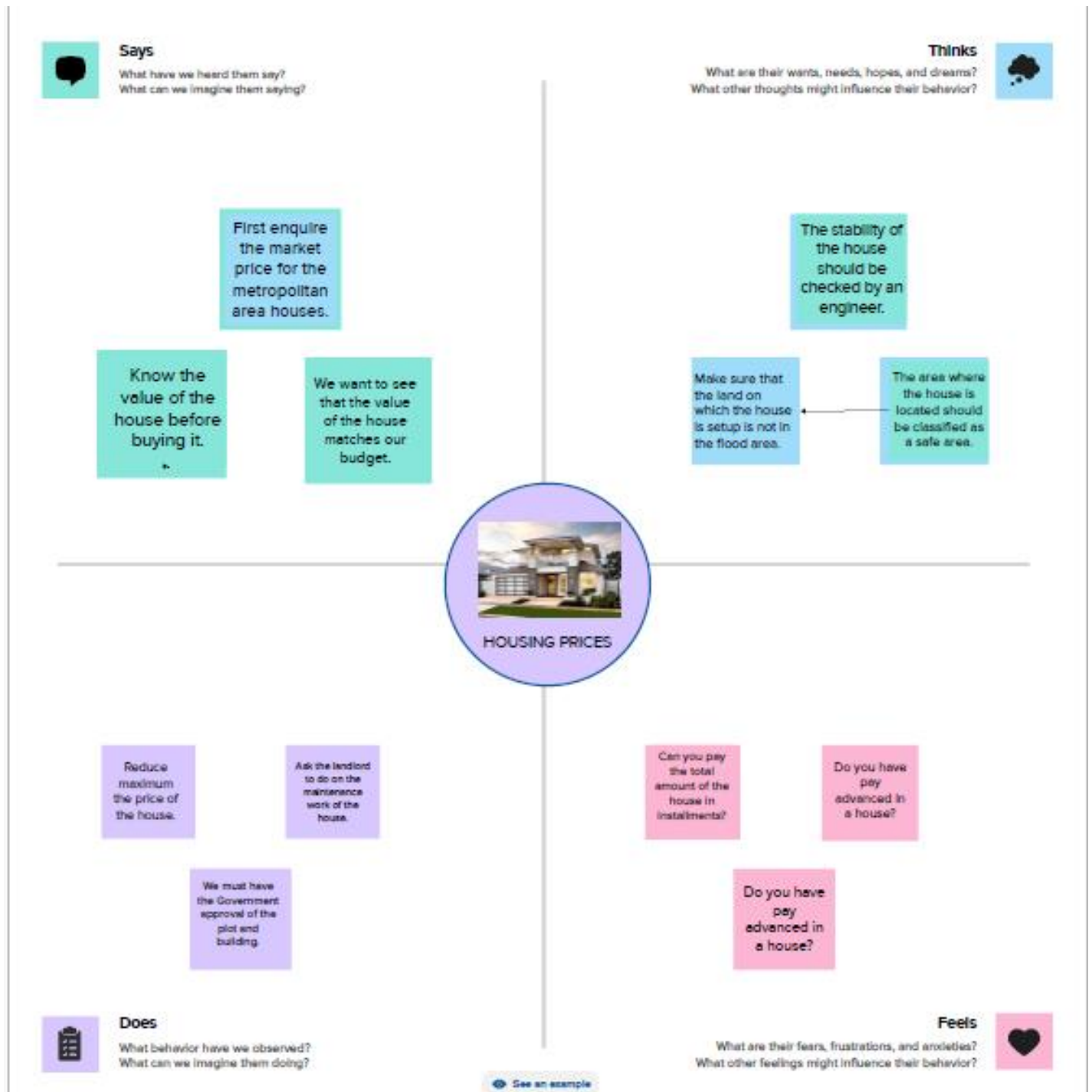
Our project is about analyzing of housing prices in metropolitan areas. House price prediction in metropolitan city is a valuable solutions for potential home layers, real estate agent and investors. By leveraging historical sales data, a predictive model can accurately estimate house prices. This article is useful for both layers as well as agents it will try to guess the most accurate price.

Purpose

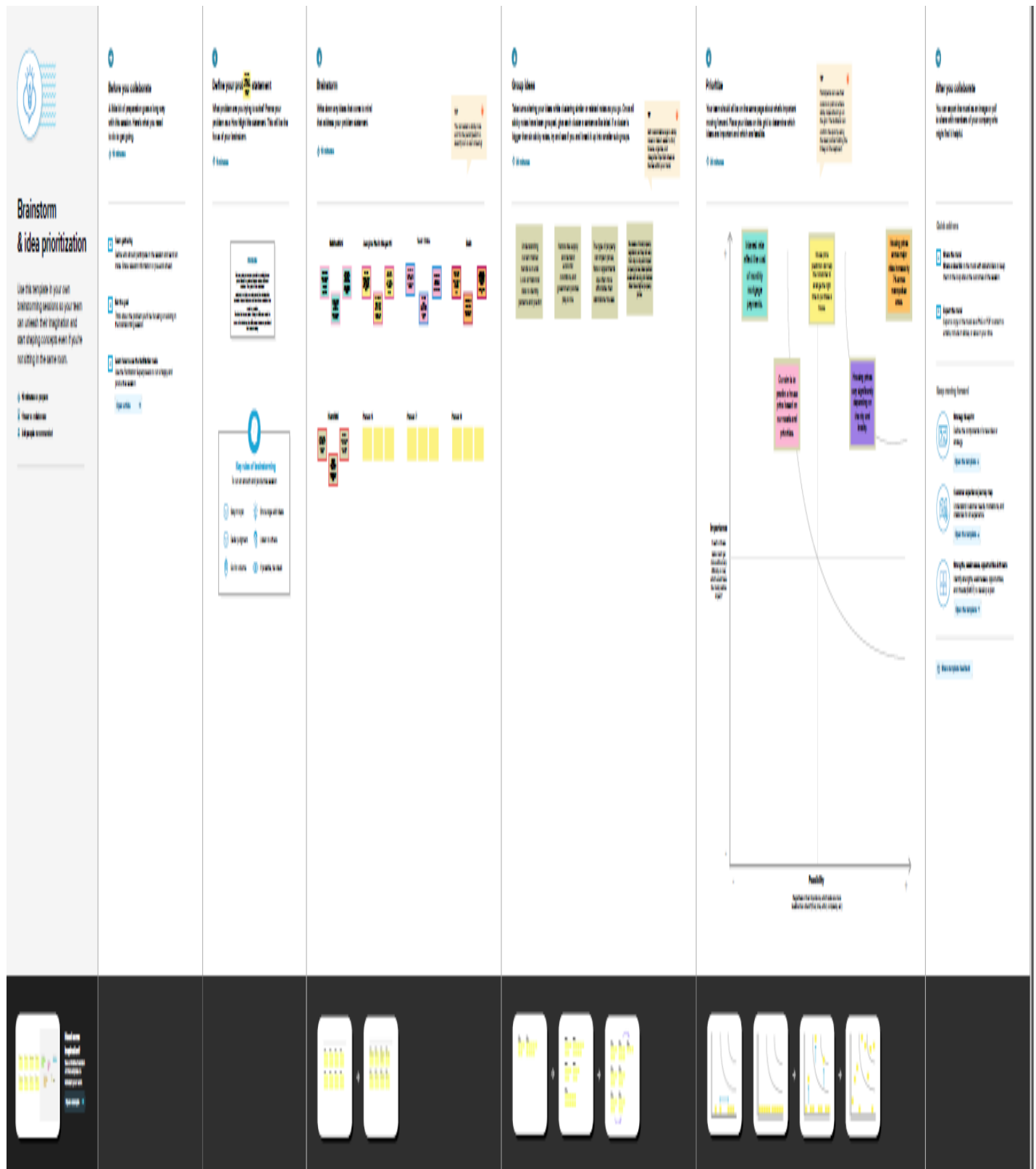
The purpose house prices prediction are excepted to help people who plan to buy a house so they can now the price range in the future then they can line there finance well. It is also beneficial for property investors to now the trend of housing prices in a certain location.

PROBLEM DEFINITION & DESIGN THINKING

Empathy map



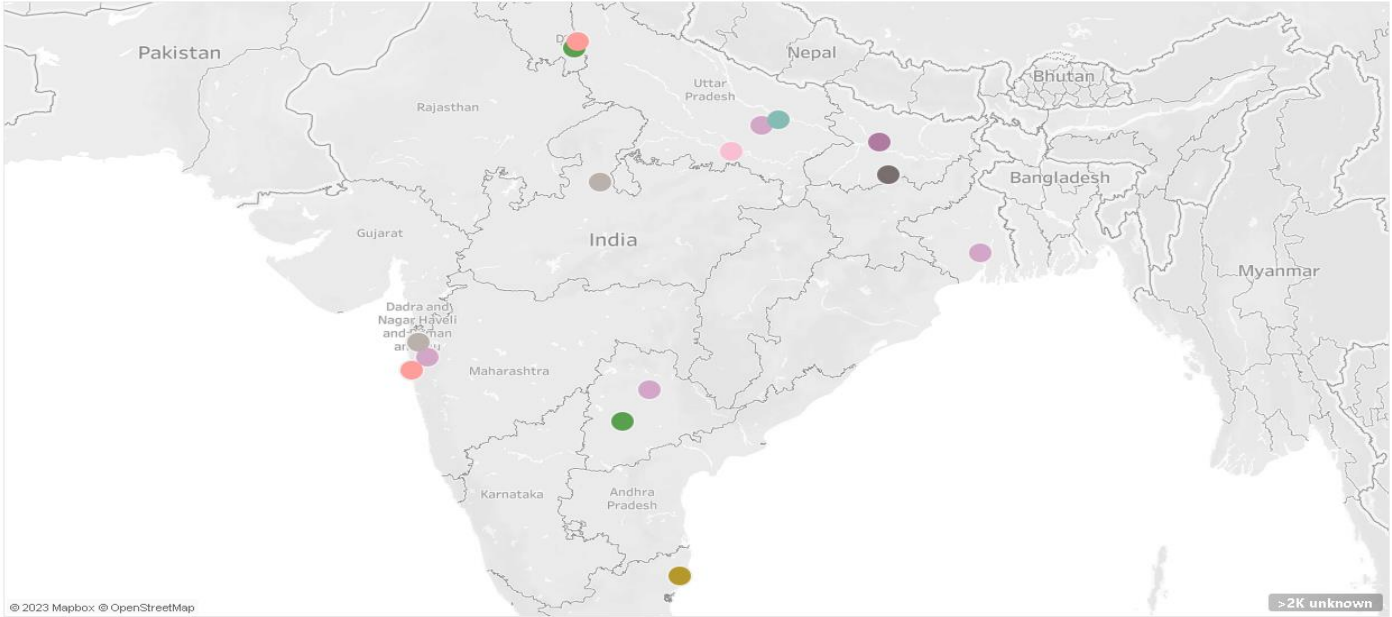
Ideation & Brainstroming map



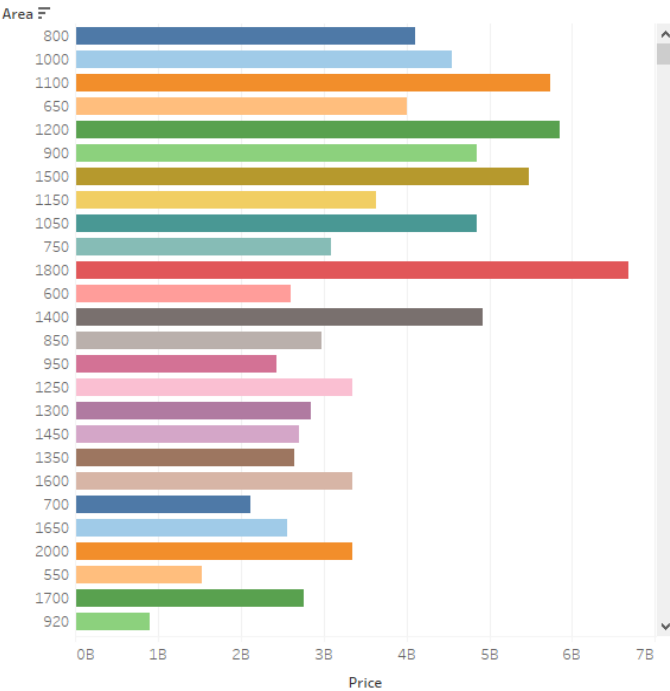
RESULT

Dashboard

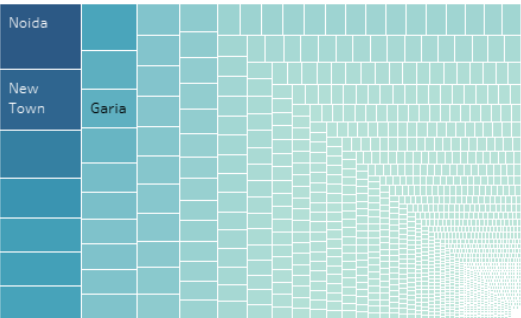
Latitude and Longitude based on Location



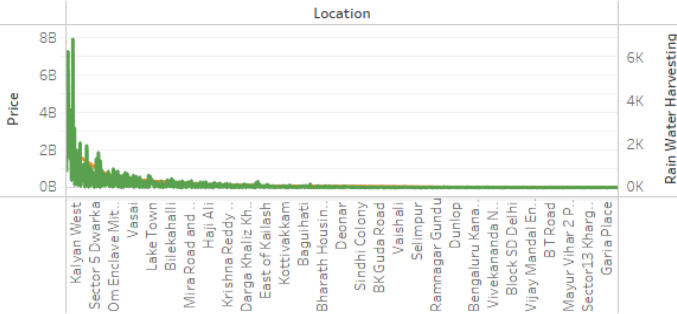
Number of houses based on area sqf



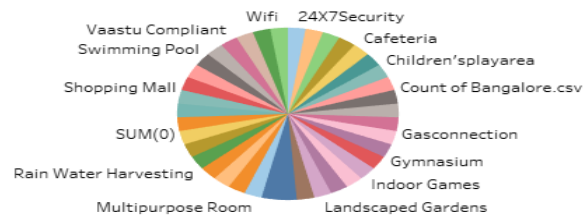
Vastu-complains based on location



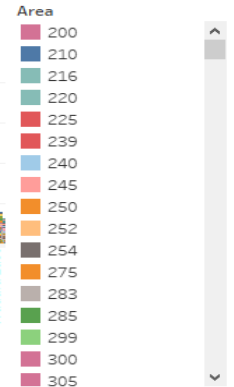
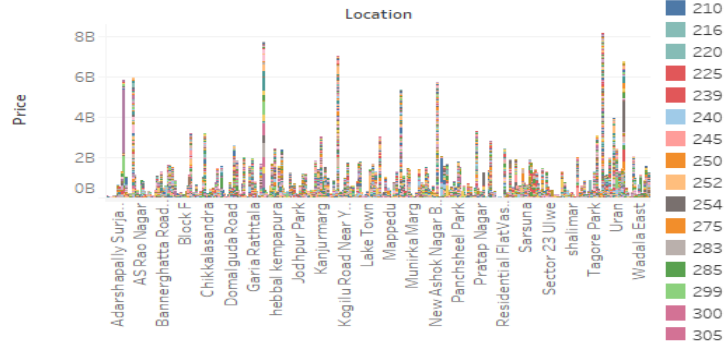
Houses price based on rainwater harvest pits



House Price and Intercom

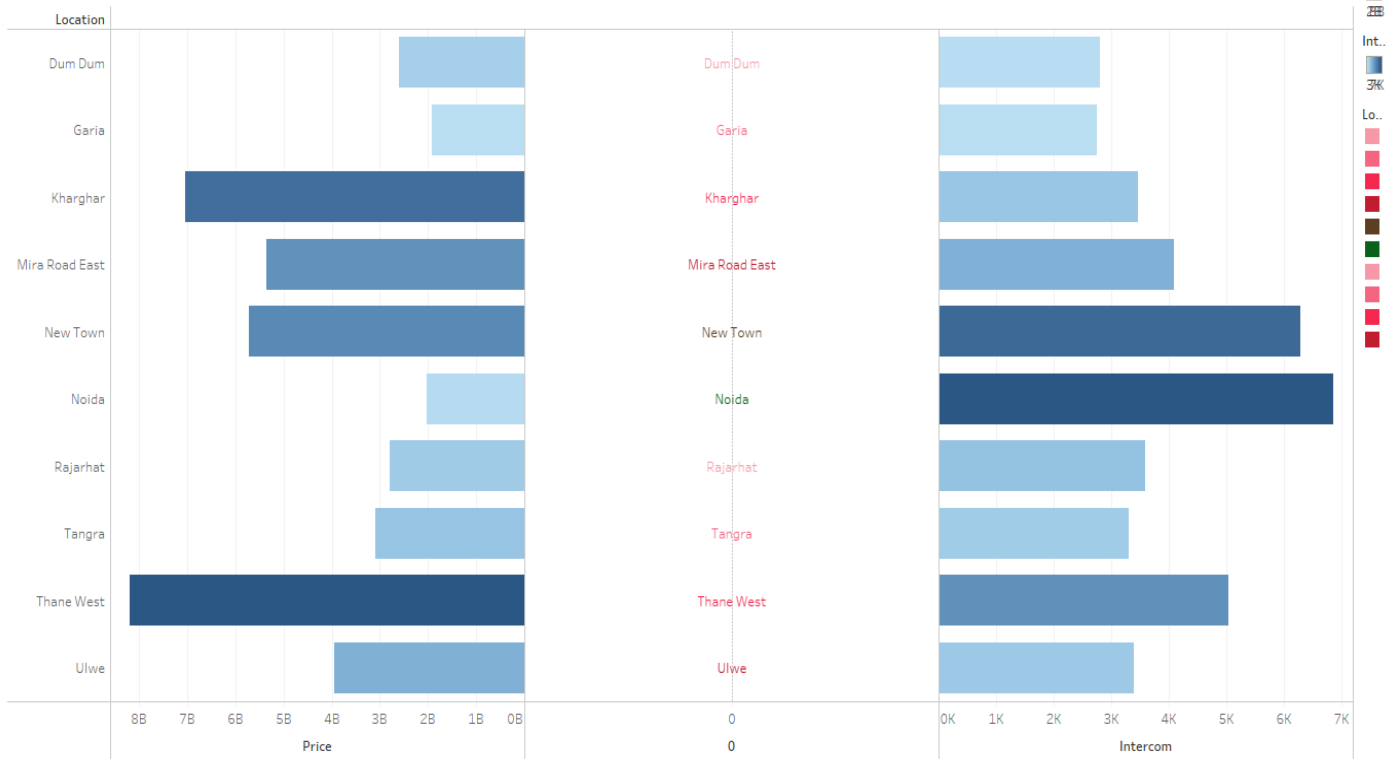


House price based on Number of Bedrooms



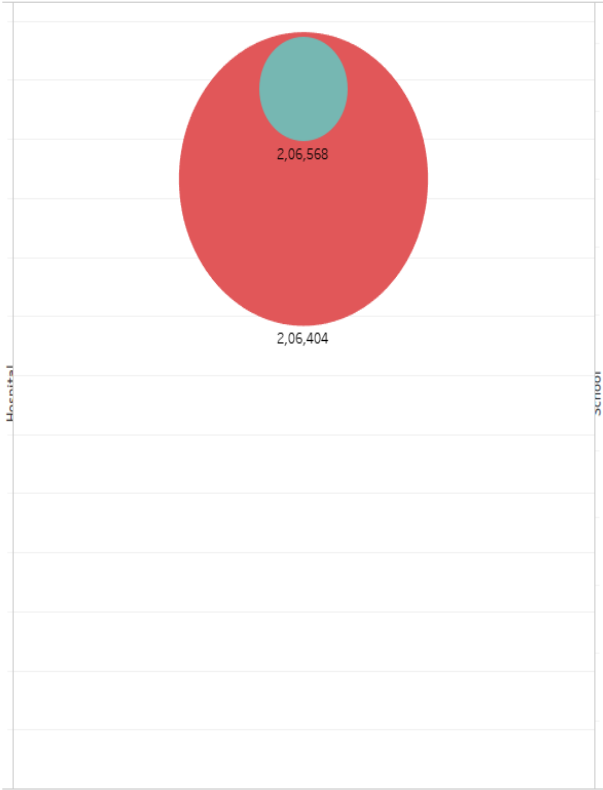
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Dashboard 2 Dashboard 3 Dashboard 4 Dashboard 5

All services based on locations

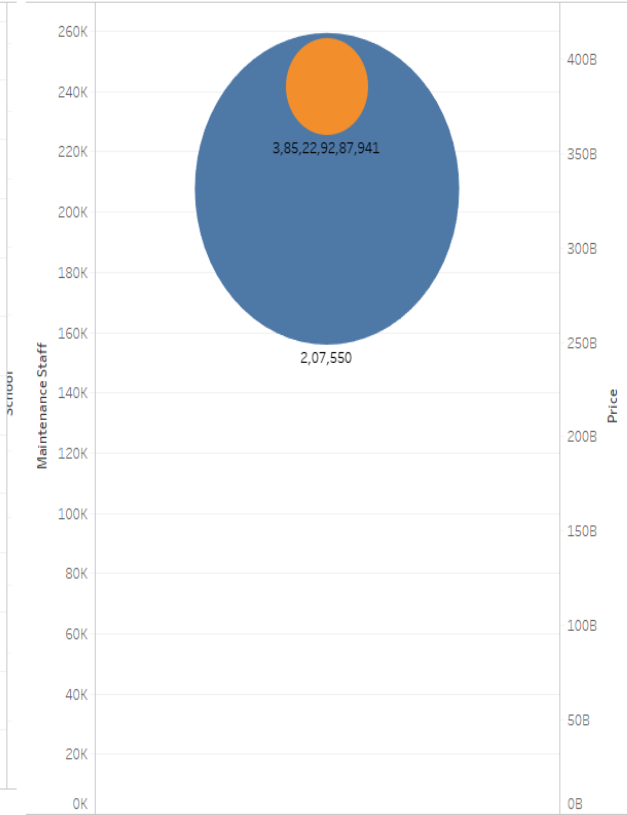


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Hospitals ans Schools near the Houses



Maintains staff in houses prices



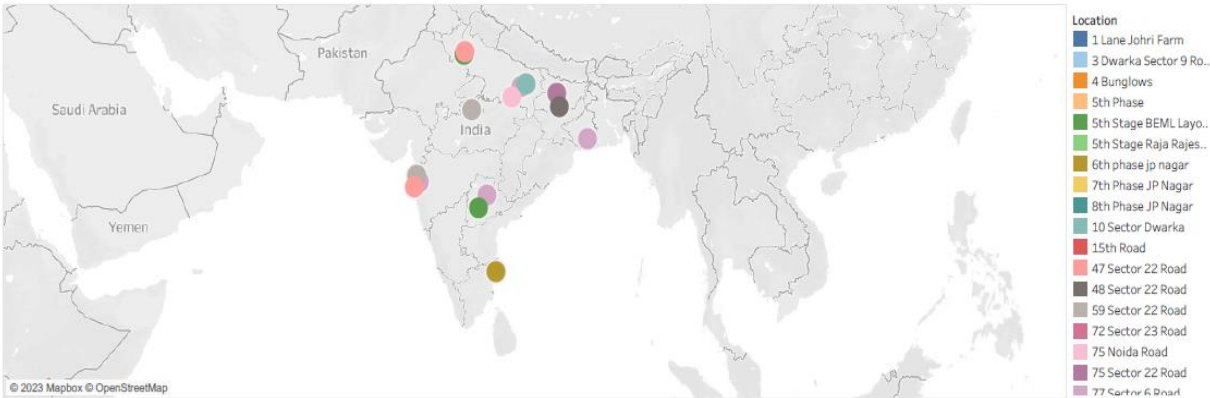
Measure Names
■ Maintenance Staff
■ Price

Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Dashboard 2 Dashboard 3 Dashboard 4 Dashboard 5

Story

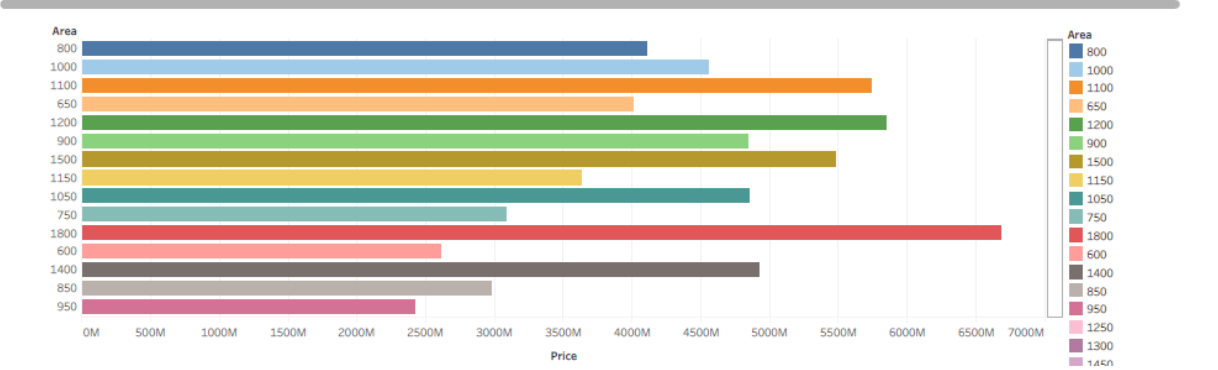
Story 1

Our houses in this five metropolitan.	prices based on area in sq. feeOurt	Our prices based on the best places.	Our houses in the location.	Average price based on number of bedrooms.	Our services in some places.	Our prices based on intercom.	Our prices based on best facilities.	Our facilities in the best places
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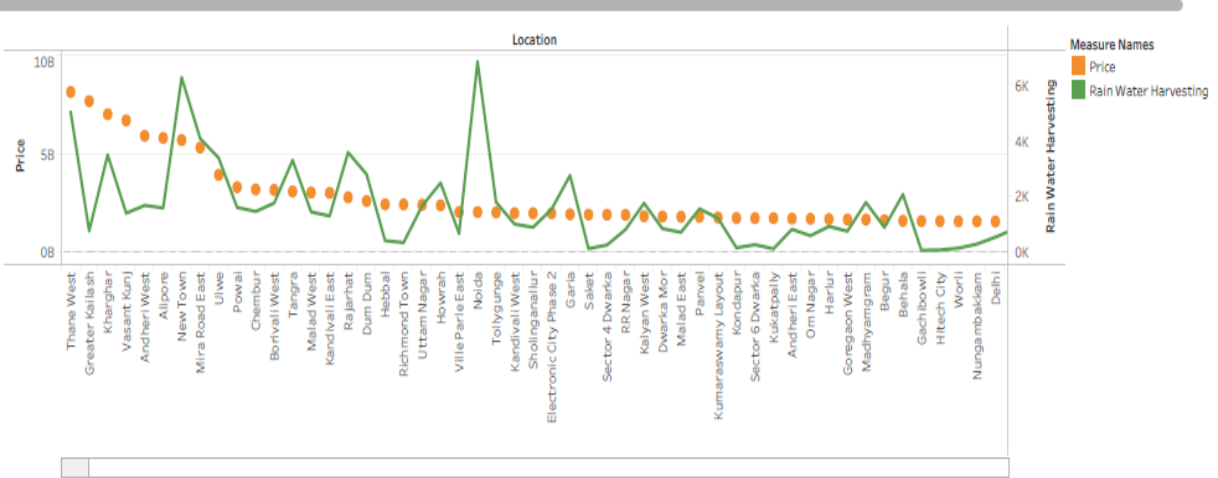
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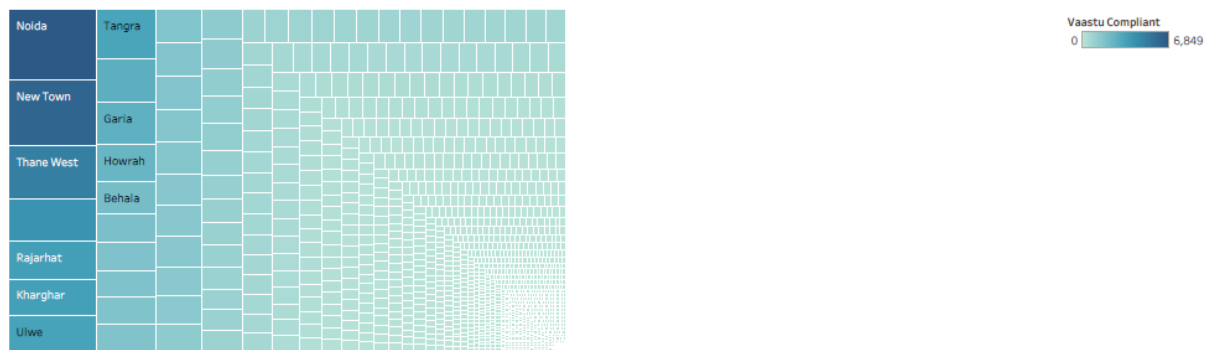
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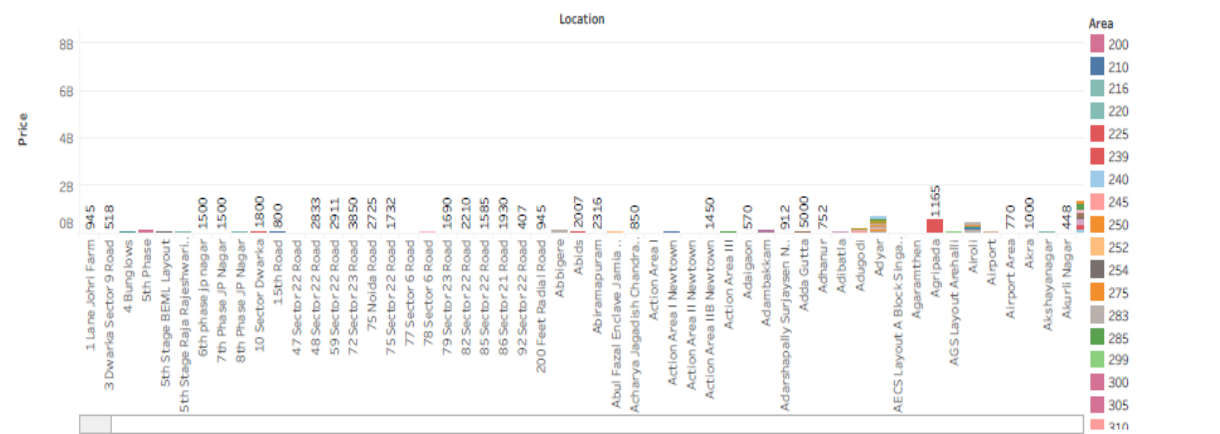
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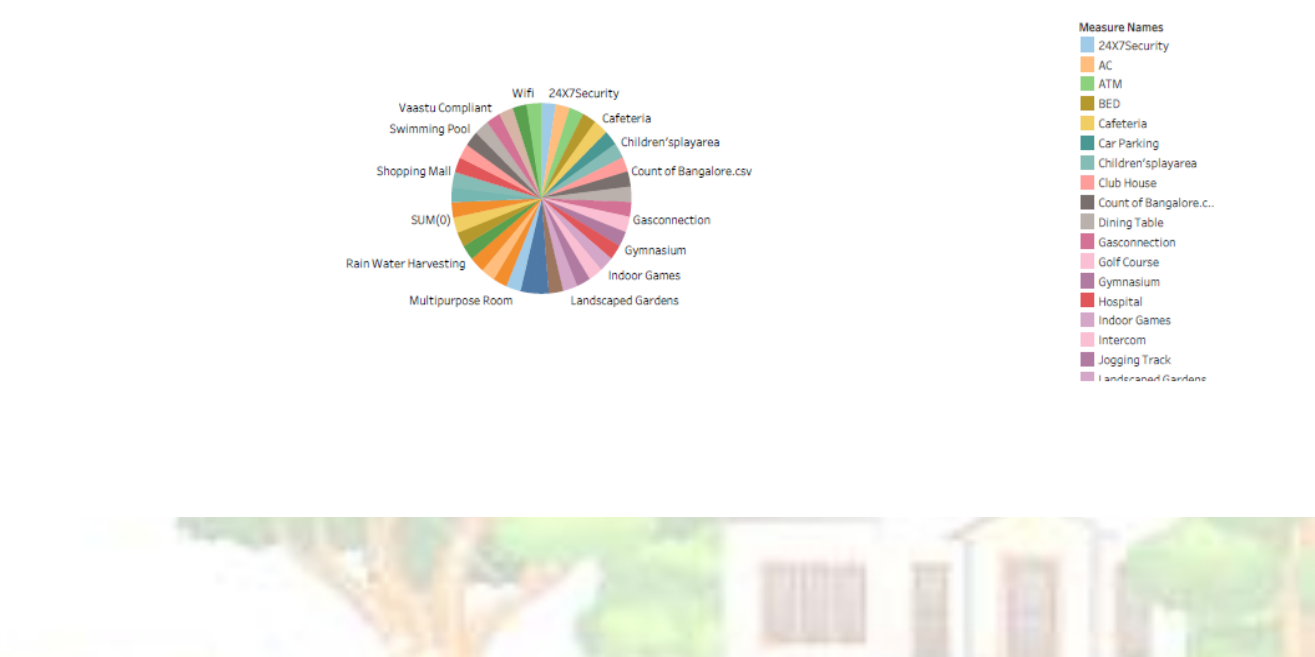
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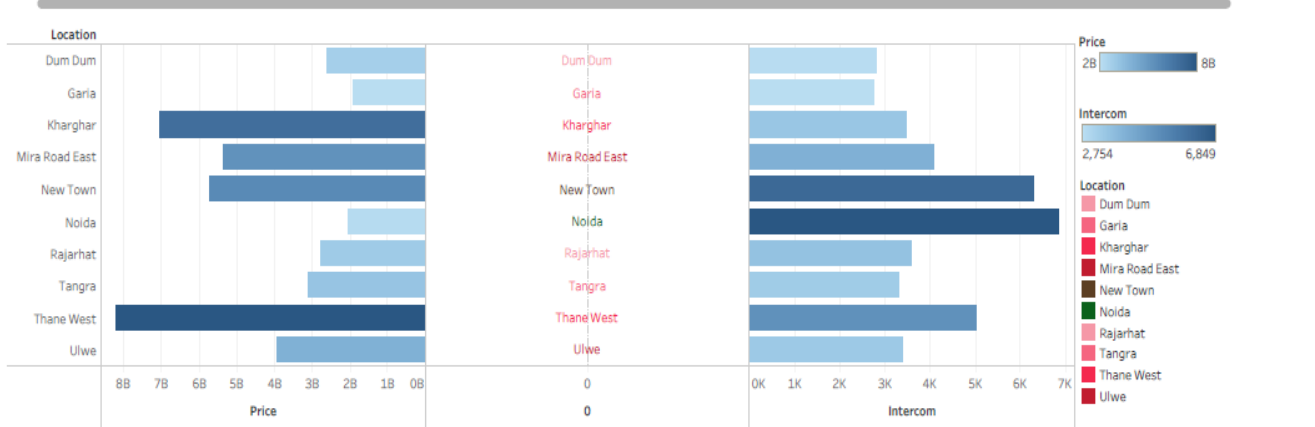
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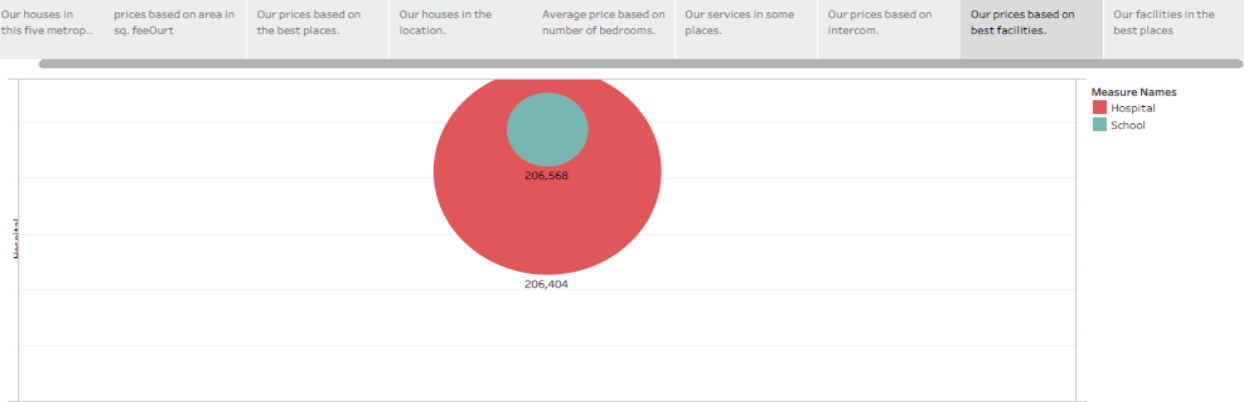


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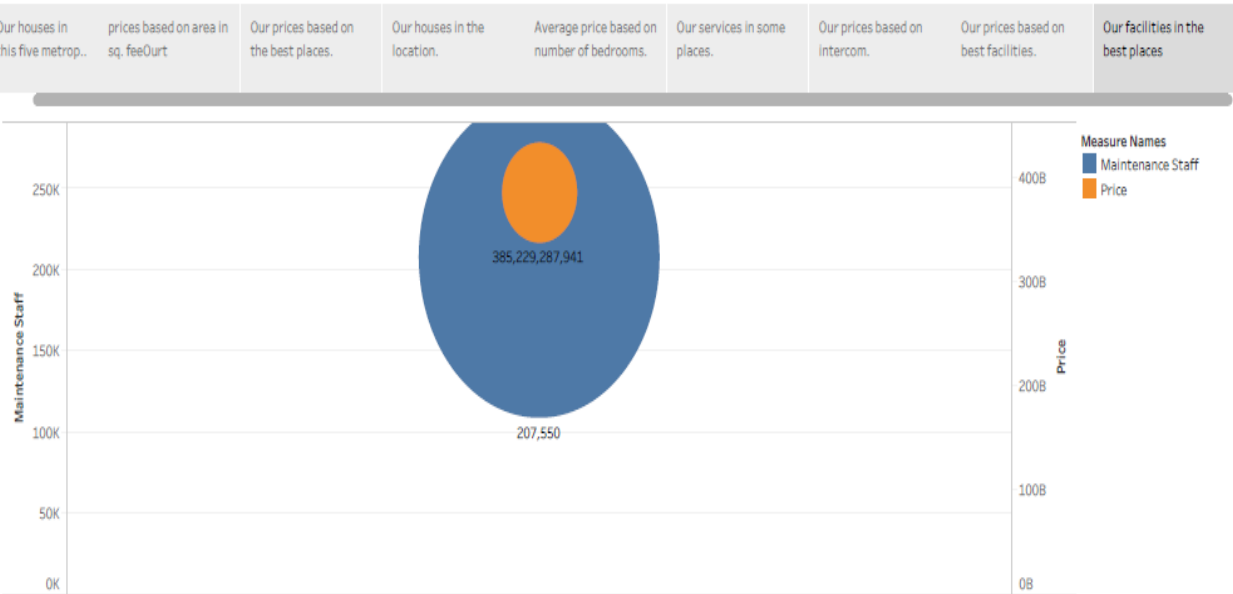


Story 1



Microsoft Store

Story 1



ADVANTAGE AND DISADVANTAGE

Advantage

- ❖ By the price prediction can increase customers loyalty and engagement.
- ❖ It can help the developer determine the selling price of a house.
- ❖ There are many factors that have to be taken into consideration for predicting house price and try to predict efficient house pricing for customers with respect to their budget.
- ❖ As more people move to these cities in search of better opportunity.
- ❖ Owning property in metropolitan areas can provide a source of passive income through rental payments.

Disadvantages

- ❖ It doesn't predict future prices of the houses mentioned by the customers.
- ❖ The main disadvantage of current system is to calculate a price of house without necessary prediction and result is price increases.
- ❖ There are three factors that influence the price of a house which include physical condition, location, etc..
- ❖ The type of property (apartment, villas, plots) and the location within the metropolitan area significantly affect prices.
- ❖ Financial losses can occur (more expensive or less profitable than without partnership).

APPLICATION

The clear definition of the product is required to compare the products sold at different locations. The standard price behavior of a good or its close substitute reveals the price movements and they generally vary within a price range, when they are sold at market as located at different places. The house owner may face problem inserting a competitive price of his house.

CONCLUSION

This to determine the prices many factors include like physical condition, location, etc.. It tracks the prices of a house day to day. The cost of the housing prices depends on a building material, transportation, importation. Taking the sample dataset for houses , and considering its various attributes, the prices for houses have been predicted by employee machine learning methods of regression for predicting the price of the estate using prior data.

FUTURE SCOPE

- Property prices in India are expected increases 7.5% on a pan-India basis this year, the fastest growth in five years, according to a Reuter poll of property analysts. Average house prices were forecast to rise 6% next year and in 2024.
- According to the Reuters poll, prices in Mumbai and Delhi, including its surrounding National Capital Region, is expected to rise between 4% and 5% this year and next. Prices in Bengaluru and Chennai, are forecast to rise 5.5% - 6.5% over the course of the next two years.