House prices in Metropolitan Areas of India

1. Indroduction:

1.1.Overview:

House price prediction in a metropolitan city in India is a valuable solution for potential home 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 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:

It is useful to get the knownledge about house prices in India metropolitan cities Then know about it detail and get detail about in graphical forms so I did it know get detail by doing in clear forms it is so useful .Now it clear to me it be get so clarity

2.Problem statement and Design thinking:

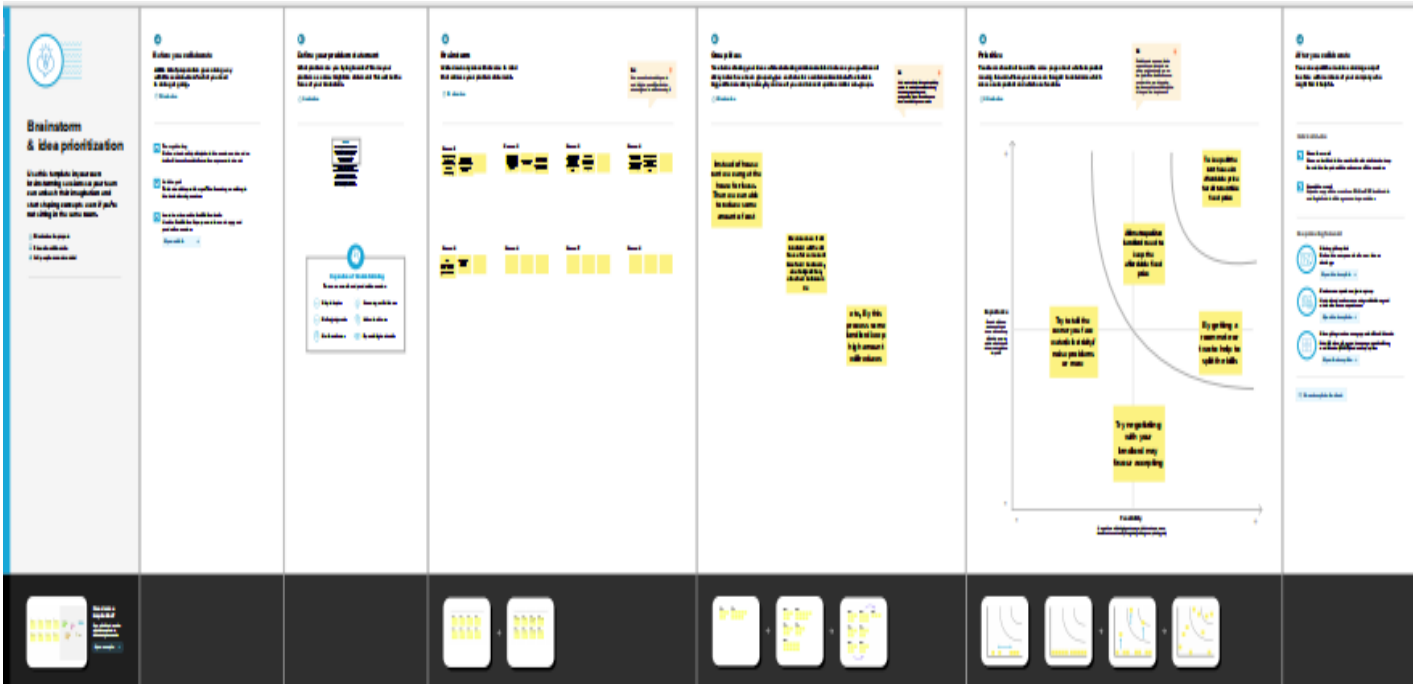
The business problem at hand is the prediction of house prices in a metropolitan city in India. The real estate market in such cities is complex and dynamic, making it challenging for potential home buyers, real estate agents, and investors to accurately estimate property values. By developing a predictive model using relevant datasets and features, stakeholders can gain insights into the factors influencing house prices and make informed decisions regarding property investments. The goal is to provide a reliable and accurate prediction tool that assists users in navigating the competitive real estate market and maximizing their returns.

The business requirements for house price prediction in a metropolitan city in India include developing an accurate prediction model that can estimate property prices. The model should identify the key features impacting house prices and provide insights to aid decision-making. It should be scalable to

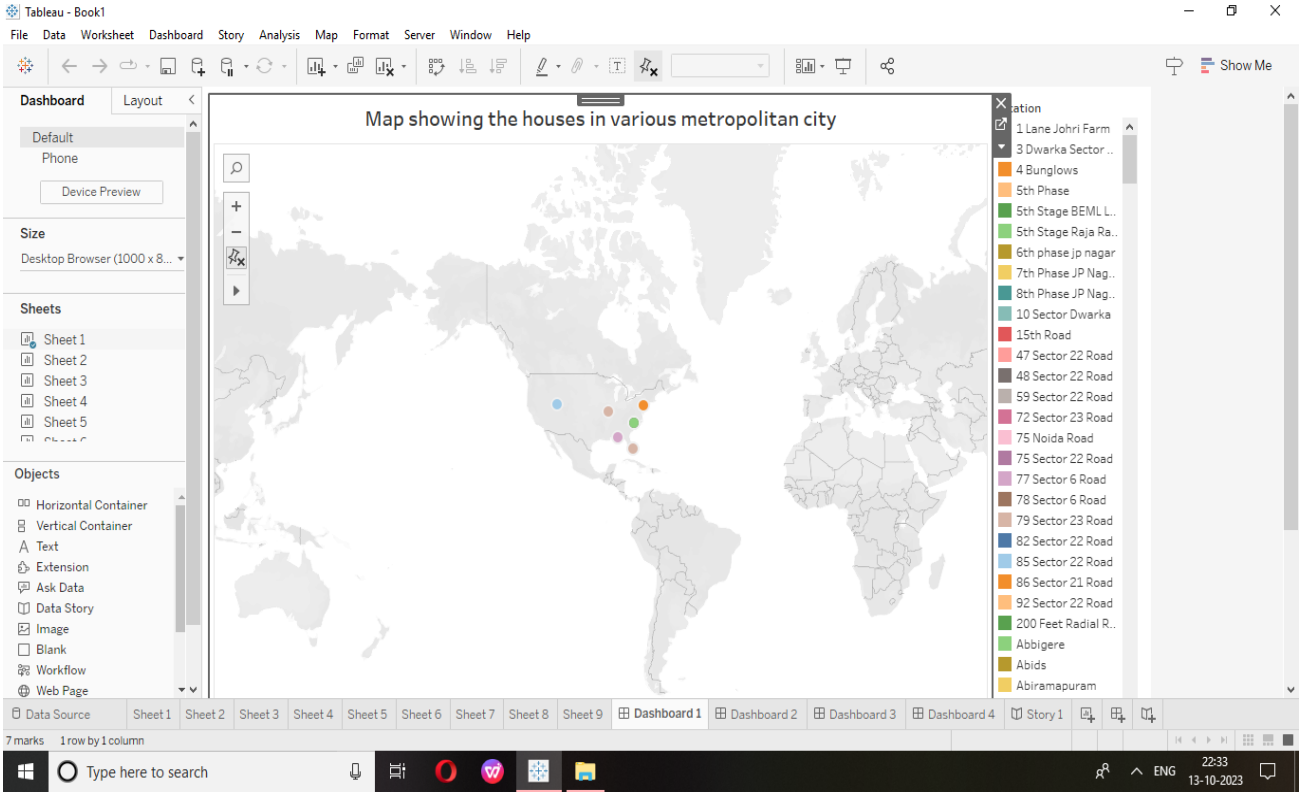
handle a large volume of data and incorporate real-time updates to reflect the latest market conditions. The solution should have a user-friendly interface, ensure transparency and explain ability of predictions, prioritize data privacy and security, and define performance metrics for evaluation. Integration capability and cost-effectiveness are also important considerations to deliver a valuable and efficient solution.

2.1.Empathy map:

2.2.Ideation and Brainstorming map:



3.Result: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Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Objects
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Map showing the houses in various metropolitan city
1 Lane Johri Farm
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5th Stage Raja Ra..
6th phase jp nagar
7th Phase JP Nag..
8th Phase JP Nag..
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47 Sector 22 Road
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72 Sector 23 Road
75 Noida Road
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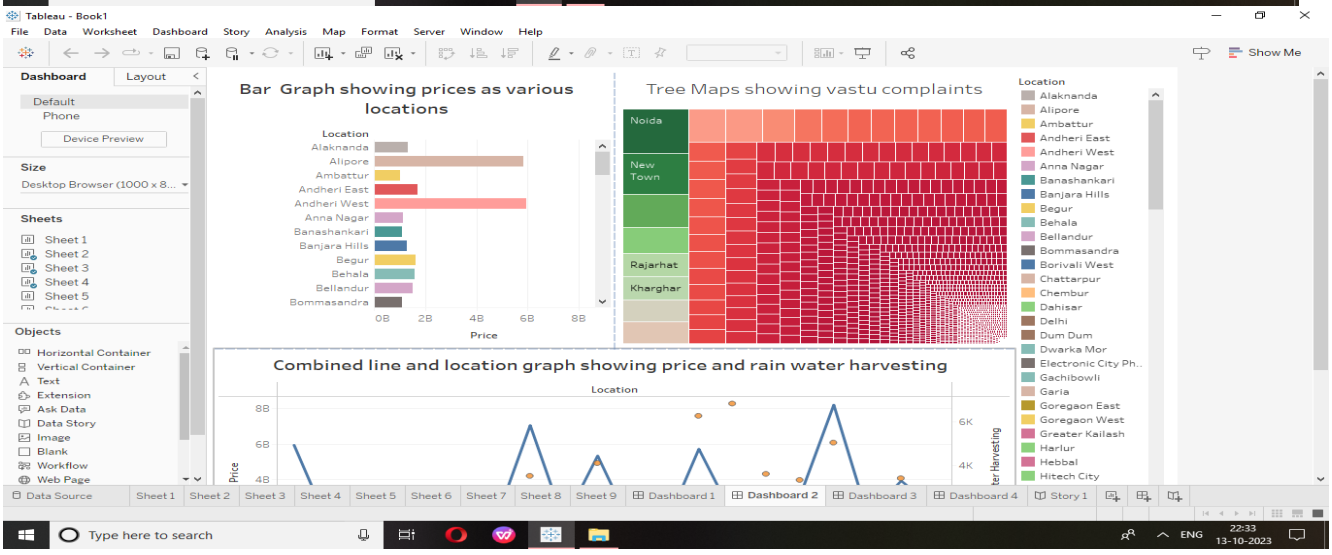
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Sheet 5
Objects
Horizontal Container
Vertical Container
Text
Extension
Ask Data
Data Story
Image
Blank
Workflow
Web Page
Bar Graph showing prices as various locations
Location
Alaknanda
Alipore
Ambattur
Andheri East
Andheri West
Anna Nagar
Banashankari
Banjara Hills
Begur
Behala
Bellandur
Bommasandra
0B 2B 4B 6B 8B
Price
Tree Maps showing vastu complaints
Noida
New Town
Rajarhat
Kharghar
Location
Alaknanda
Alipore
Ambattur
Andheri East
Andheri West
Anna Nagar
Banashankari
Banjara Hills
Begur
Behala
Bellandur
Bommasandra
Borivali West
Chattarpur
Chembur
Dahisar
Delhi
Dum Dum
Dwarka Mor
Electronic City Ph..
Gachibowli
Garia
Goregaon East
Goregaon West
Greater Kailash
Harlur
Hebbal
Hitech City
Combined line and location graph showing price and rain water harvesting
Location
8B
6B
4B
Price
6K
4K
Data Source
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 Story 1
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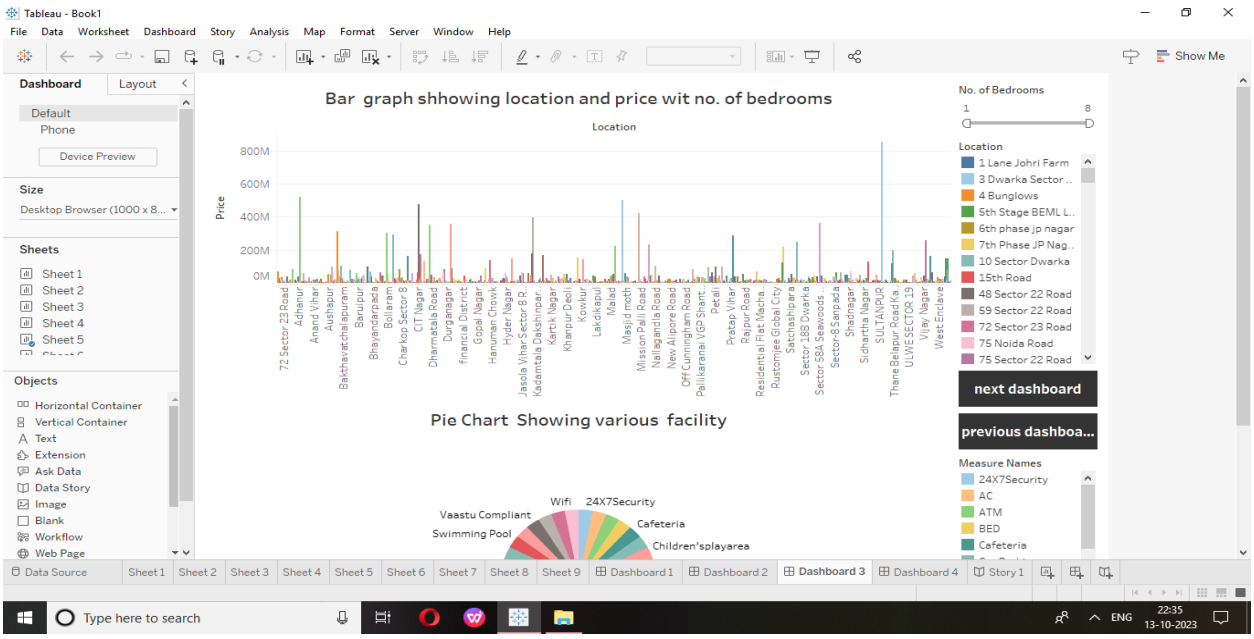

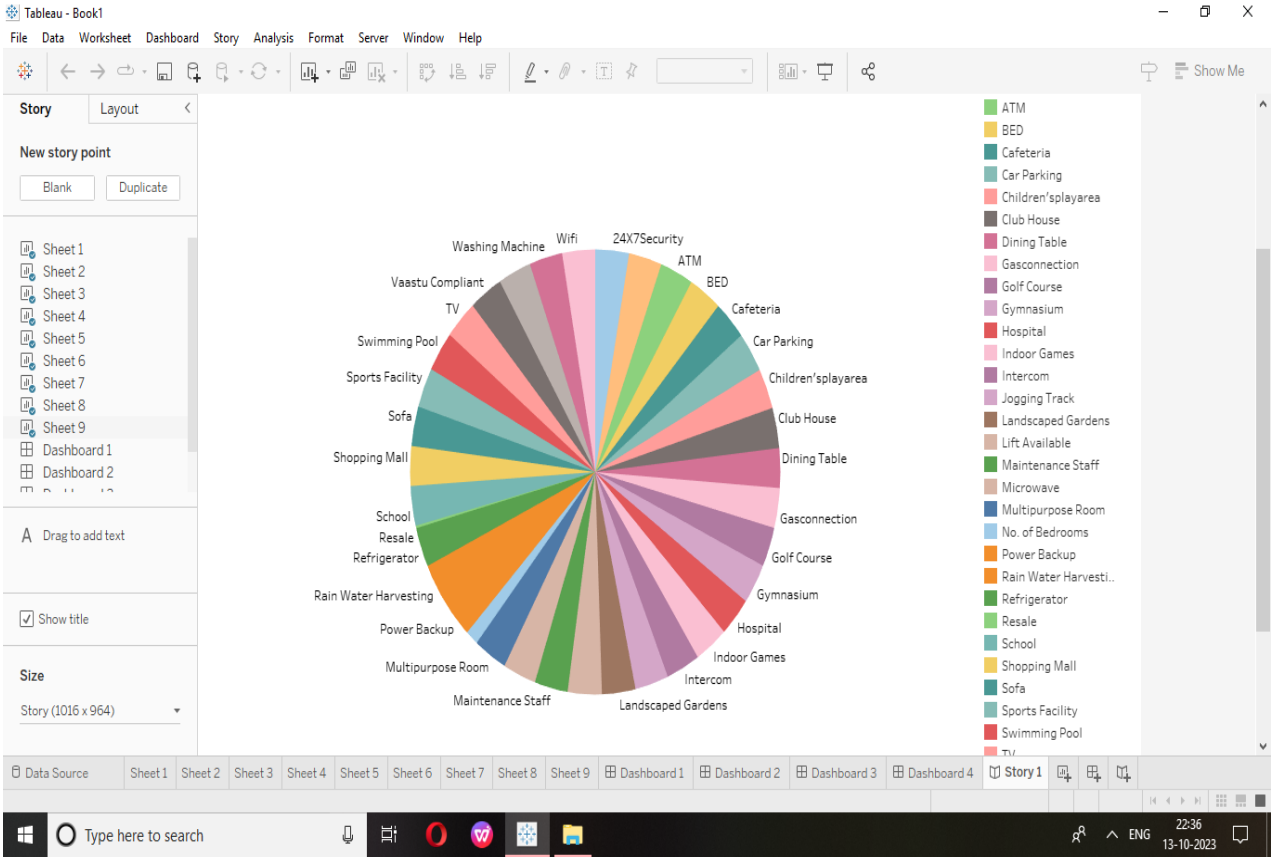

4.Advantages and Disadvantages:

Advantages by this we able no know how much is the house prices in the cities .Disadvantage is we can't be say that all prices in the city is same because in some places it is high and low .

5.Application :

The Application is in Chennai, Bangalore, Delhi, Mumbai, Kolkata, Hyderabad.

6.Conclusion:

In this project we can able to see about the house rent in metropolitan areas in Graphical latitudes and longitudes, pie chart about prices in cities etc...,

7.Future scope:

In future we can able see about the prices help to develop for that .