GOVERNMENT ARTS COLLEGE (AUTONOMOUS)

COIMBATORE – 6410018

DEPARTMENT OF MATHEMATICS

NAAN MUDHALVAN COURSE: DATA ANALYTICS WITH TABLEAU

CLASS: III YEAR B.Sc. Mathematics – SEMESTER: 5

PROJECT REPORT

(PROJECT DOCUMENTATION)

NM TEAM NUMBER : 06

NM ID : NM2023TMID24942 [AE09C887E3ED101B3CC4A42A3CE10A30]

NM PROJECT TITLE : ANALYSING HOUSING PRICES IN METROPOLITIAN CITES OF INDIA

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SUBMITTED TO

Smart bridge Educational Services Pvt.Ltd.

Project Report Template

Analysing housing prices in metropolitan areas of India

INTRODUCTION

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.

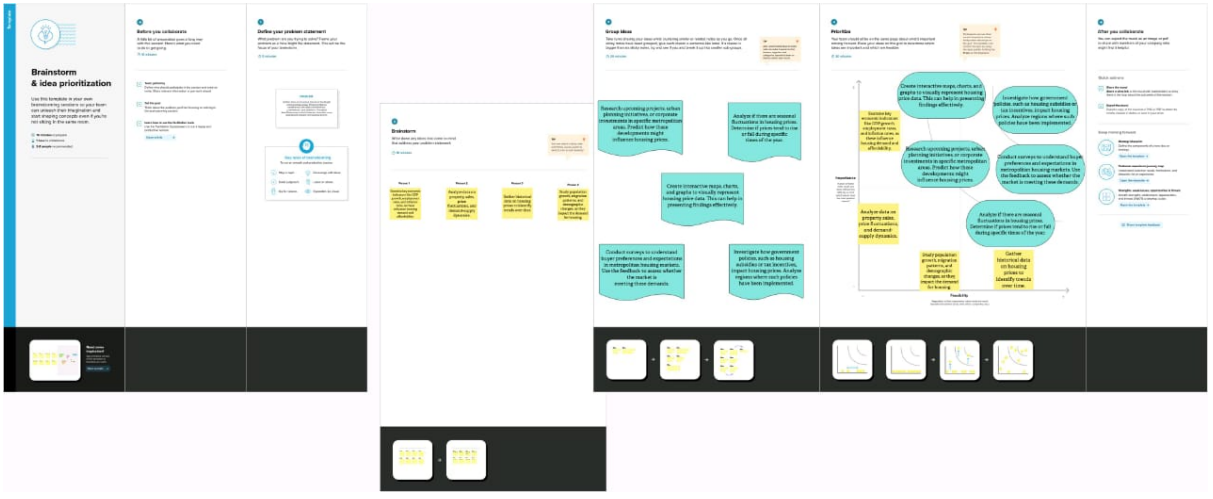
1.2 Purpose

By analyzing housing prices in metropolitan areas of India, we can gain valuable insights into the real estate market. This analysis can help potential buyers and investors make informed decisions about purchasing properties. It can also assist policymakers in understanding housing affordability and developing strategies to address housing challenges. Additionally, the analysis can provide trends and patterns that can be used by developers and real estate professionals to identify opportunities and optimize their offerings. Overall, analyzing housing prices in metropolitan areas of India can contribute to a more transparent and efficient real estate market.

Problem Definition & Design Thinking

2.1 Empathy Map

2.2 Ideation & Brainstorming Map



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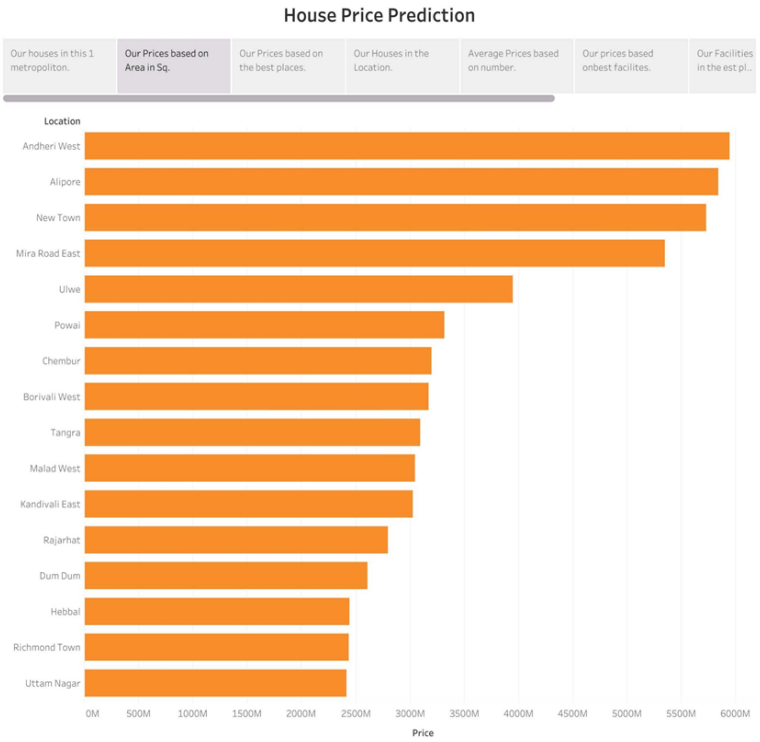
House Price Prediction
Our houses in this 1 metropoliton.
Our Prices based on Area in Sq.
Our Prices based on the best places.
Our Houses in the Location.
Average Prices based on number.
Our prices based onbest facilites.
Our Facilities in the est pl..
Location
Andheri West
Alipore
New Town
Mira Road East
Ulwe
Powai
Chembur
Borivali West
Tangra
Malad West
Kandivali East
Rajarhat
Dum Dum
Hebbal
Richmond Town
Uttam Nagar
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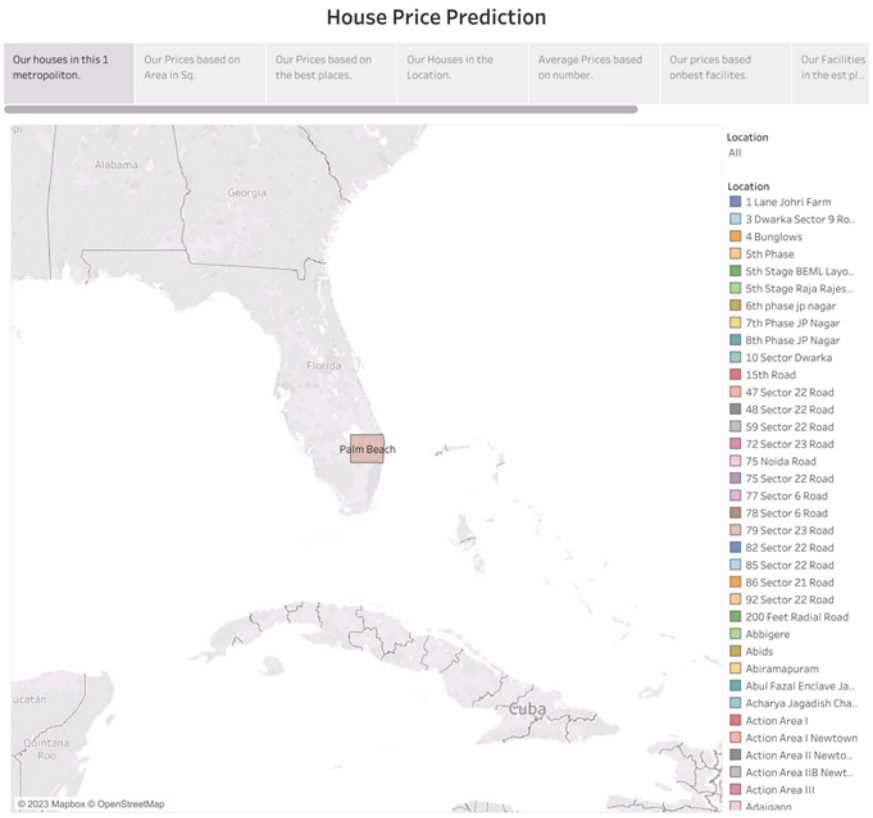
Price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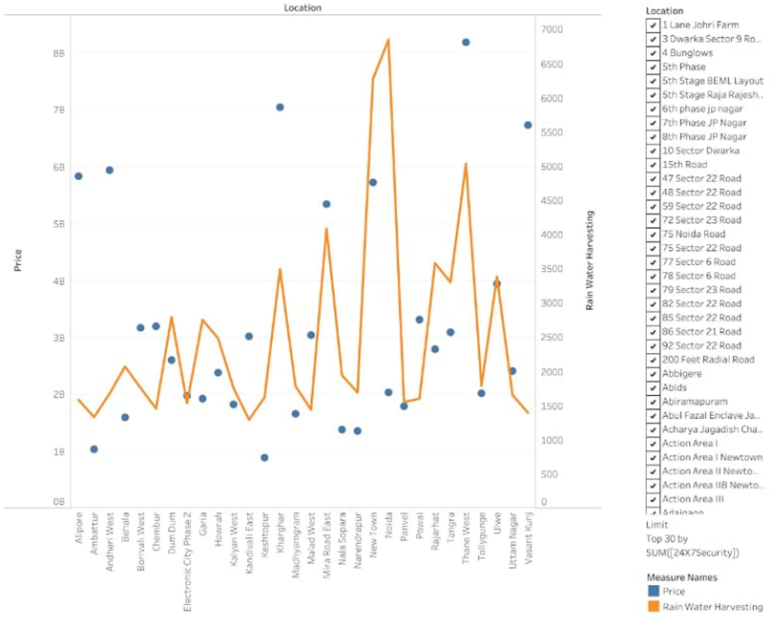
Our Facilities in the est pl..
Alabama
Georgia
Florida
Palm Beach
Cuba
© 2023 Mapbox © OpenStreetMap
Location
All
Location
1 Lane Johri Farm
3 Dwarka Sector 9 Ro..
4 Bunglows
5th Phase
5th Stage BEML Layo..
5th Stage Raja Rajes..
6th phase jp nagar
7th Phase JP Nagar
8th Phase JP Nagar
10 Sector Dwarka
15th Road
47 Sector 22 Road
48 Sector 22 Road
59 Sector 22 Road
72 Sector 23 Road
75 Noida Road
75 Sector 22 Road
77 Sector 6 Road
78 Sector 6 Road
79 Sector 23 Road
82 Sector 22 Road
85 Sector 22 Road
86 Sector 21 Road
92 Sector 22 Road
200 Feet Radial Road
Abbigere
Abids
Abiramapuram
Abul Fazal Enclave Ja..
Acharya Jagadish Cha..
Action Area I
Action Area I Newtown
Action Area II Newto..
Action Area IIB Newt..
Action Area III

House Price Prediction

Our houses in this 1 metropoliton. | Our Prices based on Area in Sq. | Our Prices based on the best places. | Our Houses in the Location. | Average Prices based on number. | Our prices based onbest facilites. | Our Facilities in the est pl..



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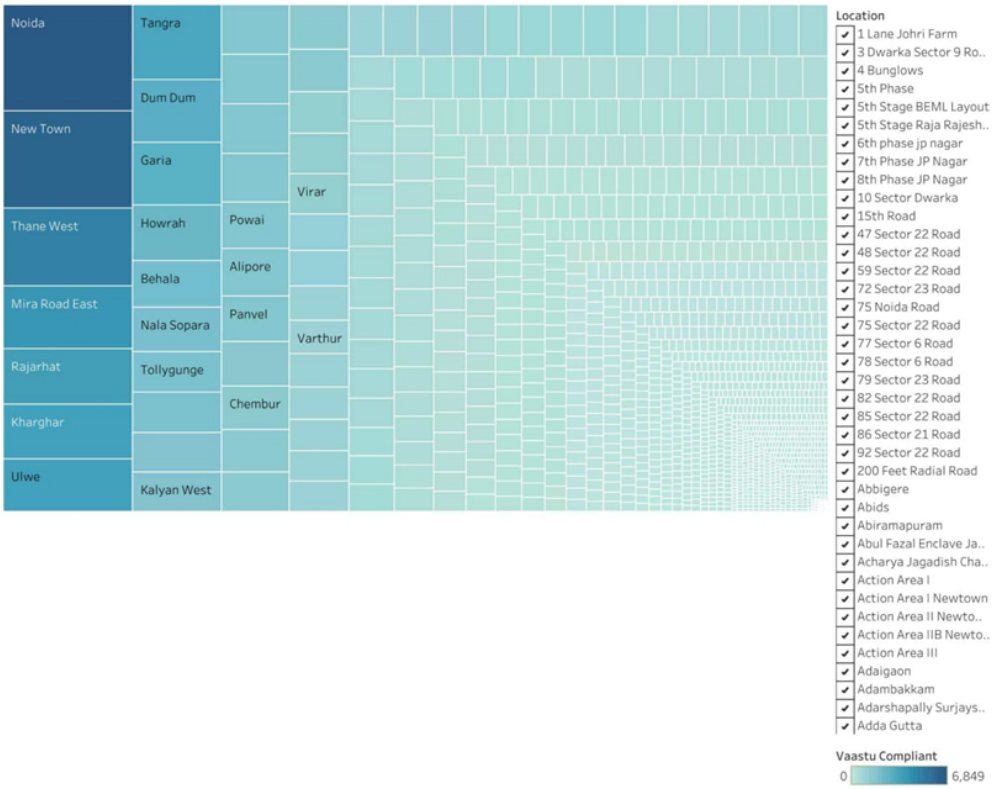
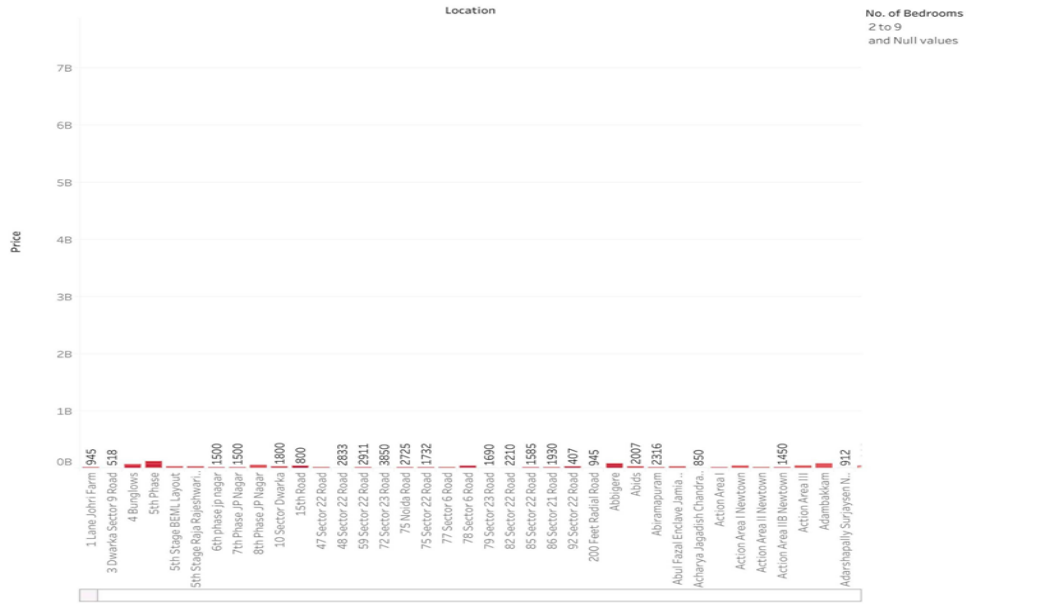


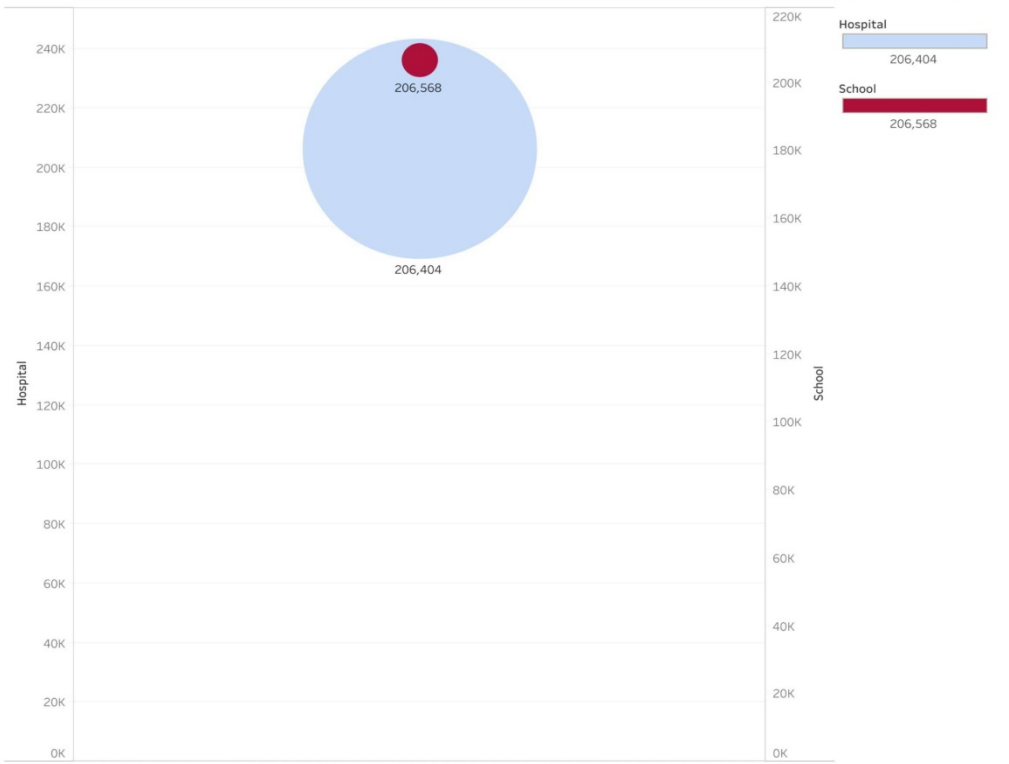
House Price Prediction

Our Prices based on Area in Sq. | Our Prices based on the best places. | Our Houses in the Location. | **Average Prices based on number.** | Our prices based onbest facilites. | Our Facilities in the est places. | Our prices based on Intercom.



House Price Prediction

Our Prices based on the best plac.. | Our Houses in the Location. | Average Prices based on number. | **Our prices based onbest facilites.** | Our Facilities in the est places. | Our prices based on Intercom. | Our Services in some places.



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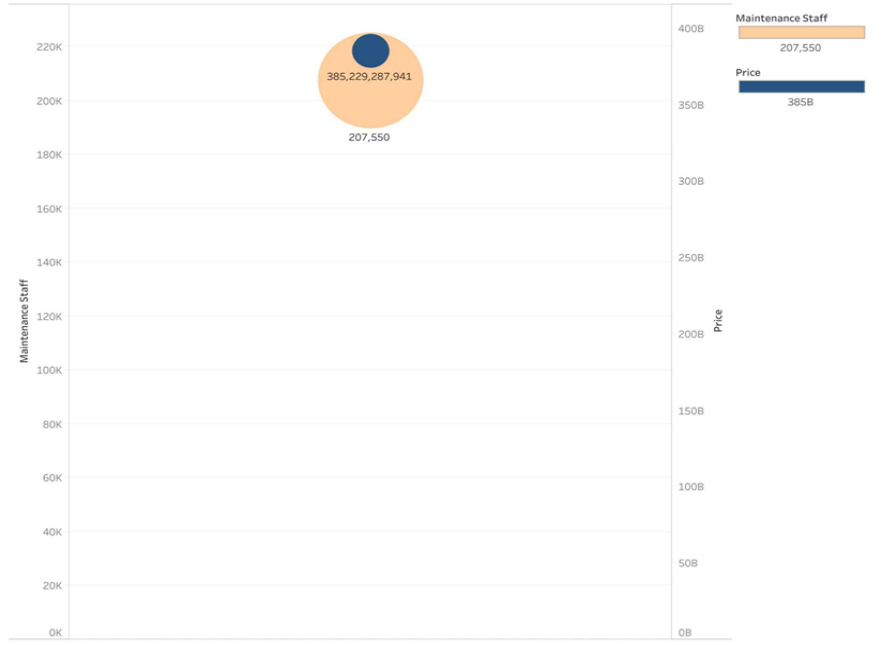

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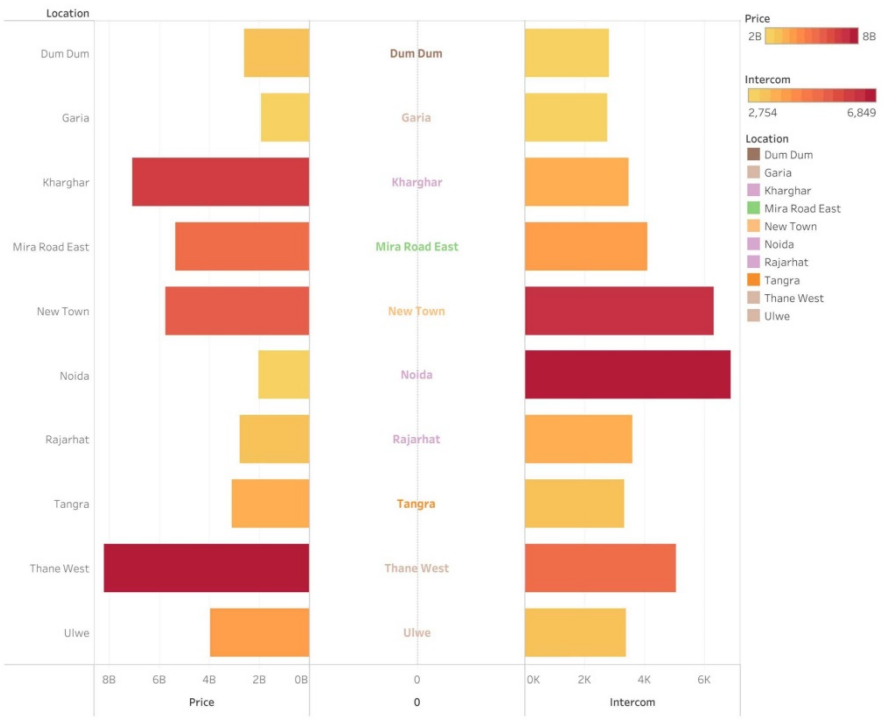

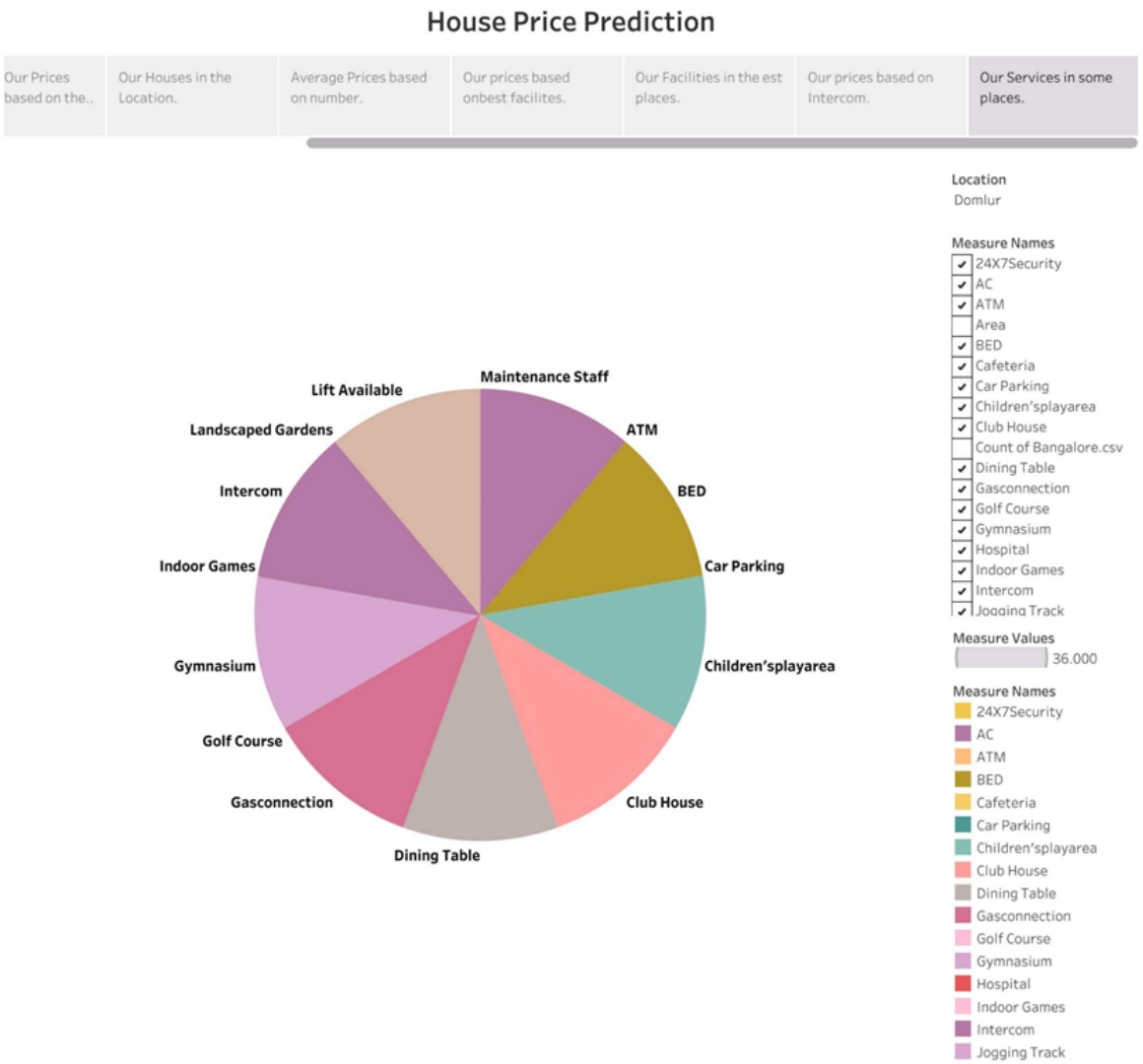

ADVANTAGES AND DISADVANTAGES

Advantages: Analysing housing prices in metropolitan areas of India can help you make informed decisions when buying or investing in real estate. It allows you to understand market trends, identify potential areas for growth, and compare prices across different locations. This information can help you find the best deals and make smart financial choices.

Disadvantages: Analysing housing prices in metropolitan areas of India can be time consuming and overwhelming. It may also lead to information overload and confusion. Additionally, the market can be unpredictable, making it challenging to accurately predict future trends.

APPLICATION

Areas where this solution can be applied

This solution can be applied in various areas, such as real estate investment, property development, urban planning, and market research. It helps individuals and organizations make informed decisions and understand the dynamics of housing markets in metropolitan areas

CONCLUSION

Analysing housing prices in metropolitan areas of India offers advantages such as informed decision-making and identifying growth opportunities. However, it can also be time consuming and unpredictable. Overall, it provides valuable insights for real estate investment and market understanding.

FUTURE SCOPE

The future, enhancements in analysing housing prices could include more streamlined and user-friendly tools for data collection and analysis. Additionally, incorporating machine learning algorithms could help improve the accuracy of predictions and provide more comprehensive insights. It would also be beneficial to integrate real-time market data and expand the scope to include more cities and regions in India.