

# ANALYSING HOUSING PRICES IN METROPOLITAN AREAS OF INDIA

SUBMITTED BY

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## INTRODUCTION

### 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.

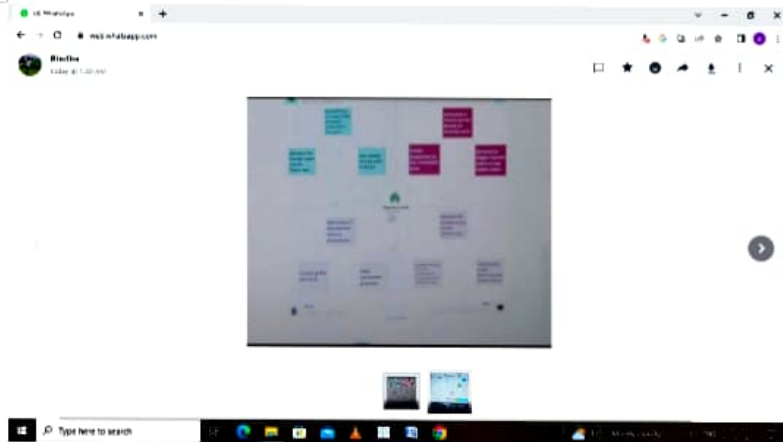
### PURPOSE:

By addressing the following requirements i.e., integration capability, data privacy, and cost-effectiveness, the prediction model provides reliable insights, empowering stakeholders to make informed decisions in the fast-paced real estate market.

## PROBLEM DEFINITIONS & DESIGN THINKING

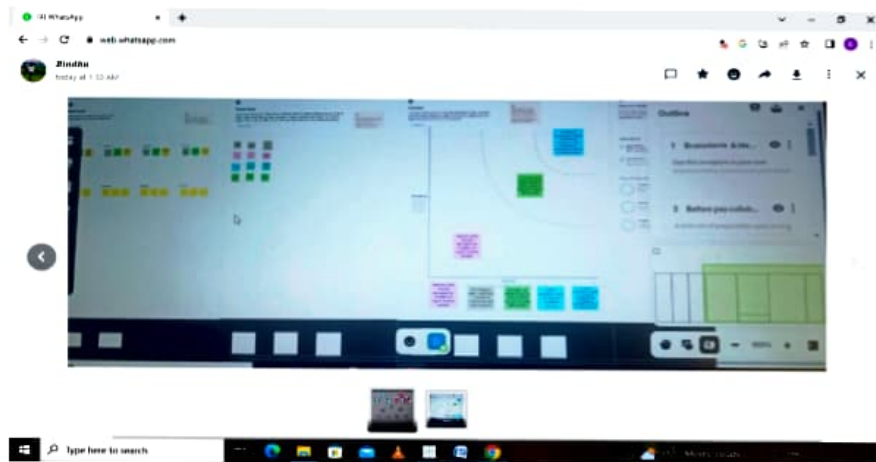
### EMPATHY MAP

A tool used in design thinking to build an emotional representation of a user or the customer. It's a versatile activate that may be used to generate new product ideas as well as better understand existing once.



## BRAIN\$TROM:

A visualization technique is a brainstorming tool which allows you to explore a central idea.



## Result:

A large developed region containing a core city developed industries and infrastructure  
Urban agglomeration having a population of over four million















There is a dependence on technology service companies

Real Estate becomes more expensive as it more difficult to build and other cities.

Considerable increase in electronics waste.

Larger technological gaps open up between smart cities and other cities.

### Applications:

This project will enable us to predict a house price in a metropolitan city in India. Also, the data analyzed will give a valuable solution for potential home buyers, real estate agents, and investors.

### Conclusion:

The results of the project will provide a reliable insights, empowering stakeholders to make informed decisions in the fast-paced real estate market.

### FUTURE SCOPE

The Analyzed data will enable the home buyers, real estate agents, and investors to get an idea of housing prices in metropolitan, municipal and Town panchayats of a state.

Similar analysis can be extended to Municipal and Town panchayat areas.

### APPENDIX:

### Skills Required:

Tableau , Data Literacy , Data preparation , housing Intelligence , Data  
visualization.