PROJECT REPORT

Analysing Housing prices in metropolitan Areas of India
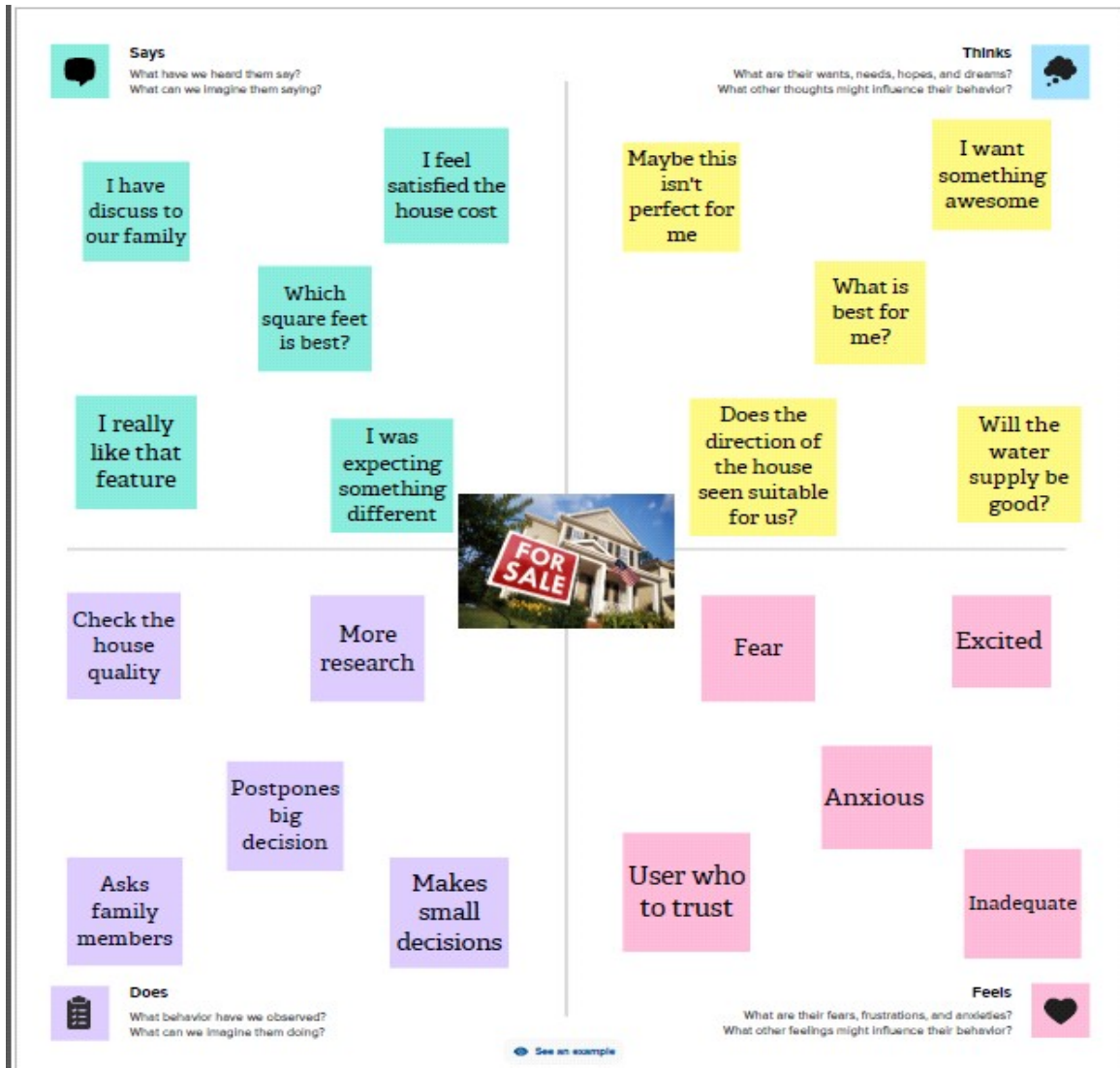
1-INTRODUCTION

1.1Overview

House price prediction in a metropolitan city in india is a valuable solution for potential home buyers,real estates agents,investors.by leveraging historical sales as data,property details and location specific information,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 interection capability,data privacy and coste-effectiveness are also important consideration.By addresssing these requirements,the prediction model provides reliabe insights, empowering stakeholders to make informed decisions in the fast-paced real estate market.
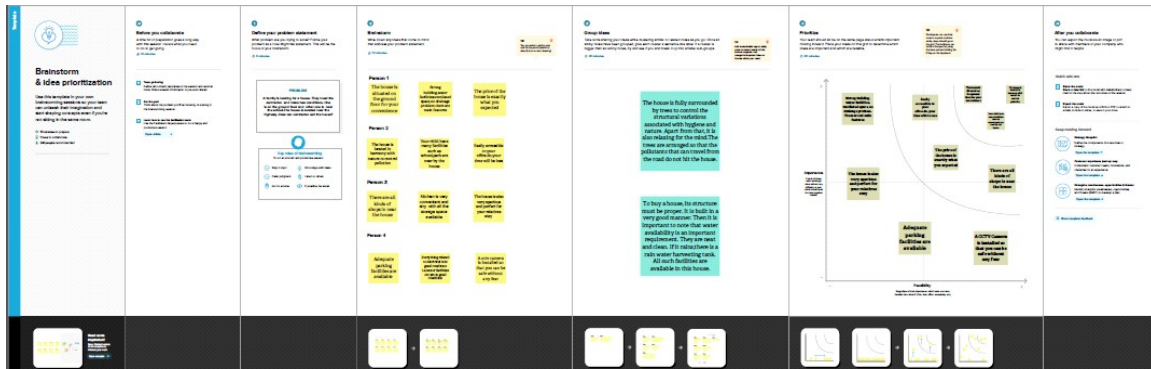
1.2Purposes

Prediction house prices are expected to help people who plan to buy a house so can they know the price range in the future,then they can plan their finance well.In addition, house price predictions are also beneficial for property investors to know the trend of housing price in a certain location.

2.PROBLEM DEFINITION & DESIGN THINKING

2.1Empathy map

Says
What have we heard them say?
What can we imagine them saying?

Thinks
What are their wants, needs, hopes, and dreams?
What other thoughts might influence their behavior?

I have discuss to our family

I feel satisfied the house cost

Which square feet is best?

I really like that feature

I was expecting something different

Maybe this isn't perfect for me

I want something awesome

What is best for me?

Does the direction of the house seen suitable for us?

Will the water supply be good?

Does
What behavior have we observed?
What can we imagine them doing?

Check the house quality

More research

Postpones big decision

Asks family members

Makes small decisions

Fear

Excited

Anxious

User who to trust

Inadequate

Feels
What are their fears, frustrations, and anxieties?
What other feelings might influence their behavior?

See an example

## 2.2Ideation&Brainstorming Map

3 RESULT

3.1 Social Impact

Pollution is an awful exitence for big city life and one of the most significant flaws.It would always sadden when would drive into the city for a job in the dawn.

Metropolitan area have a high density of population.Accordingcy putting intense pressure on these resources which comprise water,electricity,among others.
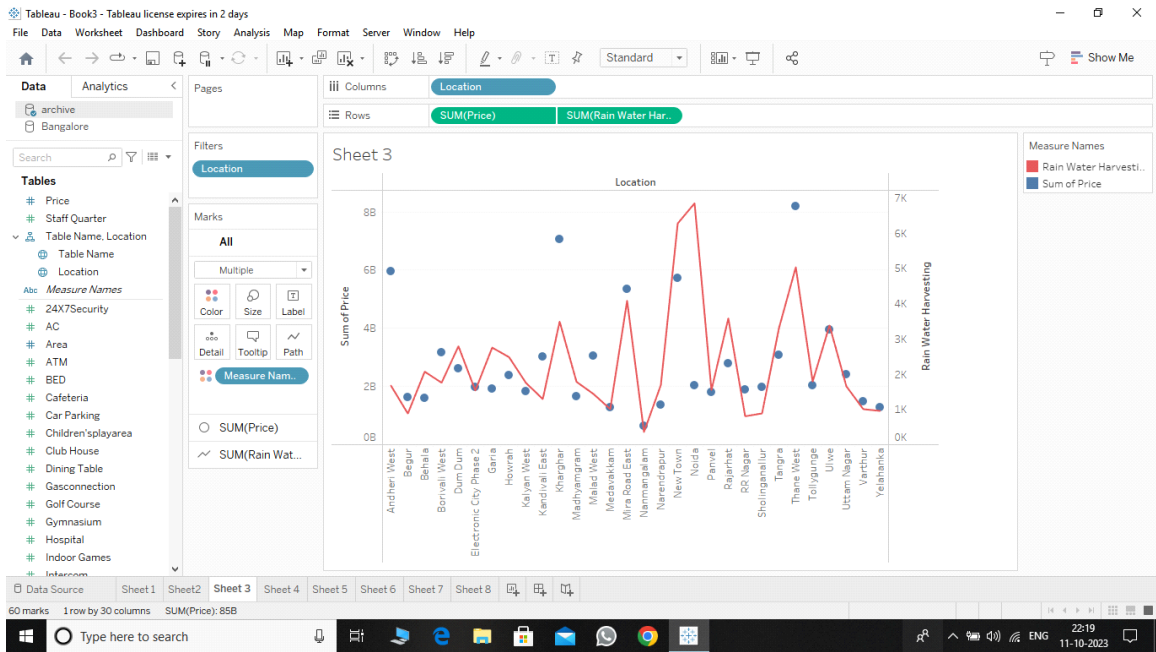
There is continuously more crime in big city.Then more inclined to be a suffferer of a crime living in a big city then in little city.
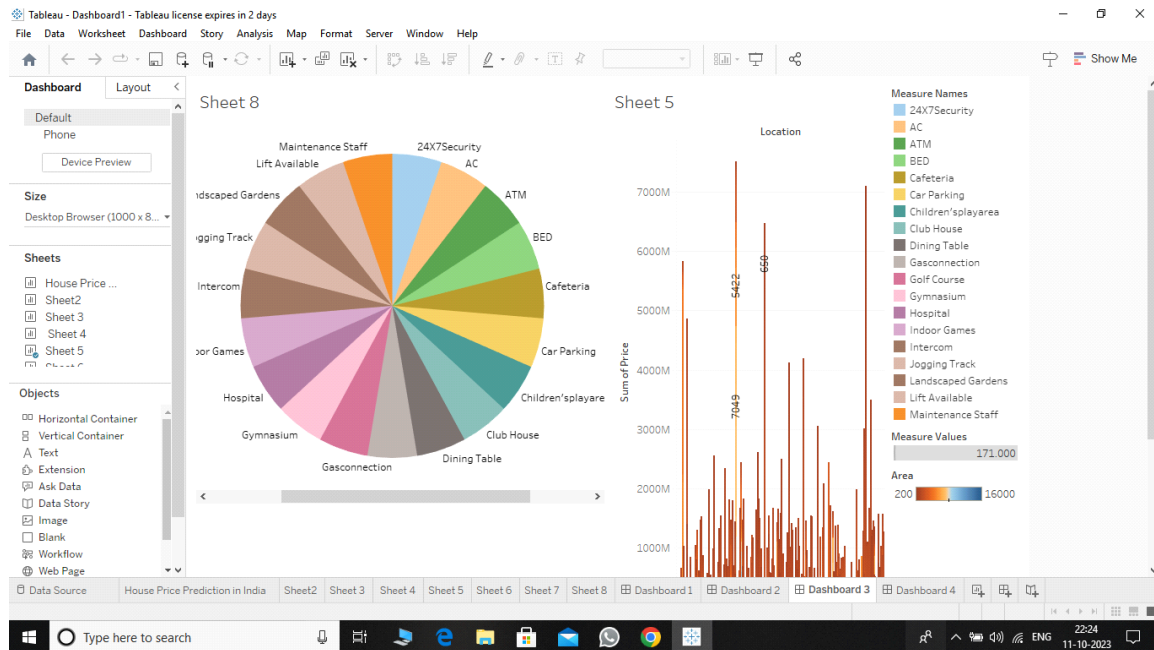
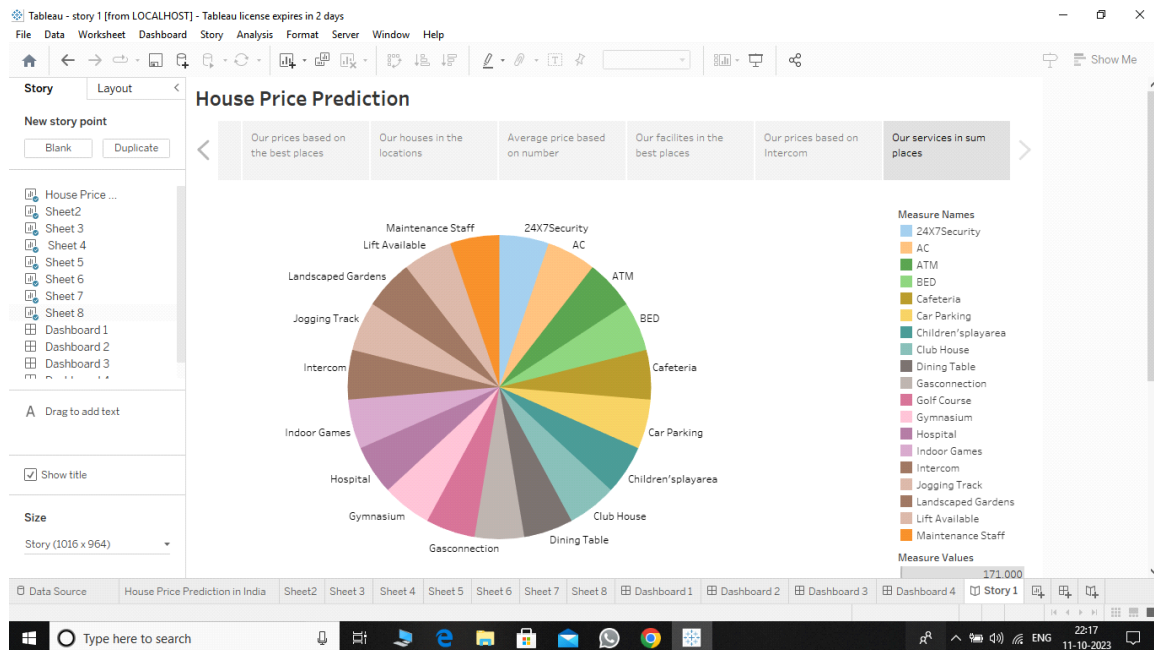## 3.2 Activity&Screenshot

Sheet-4
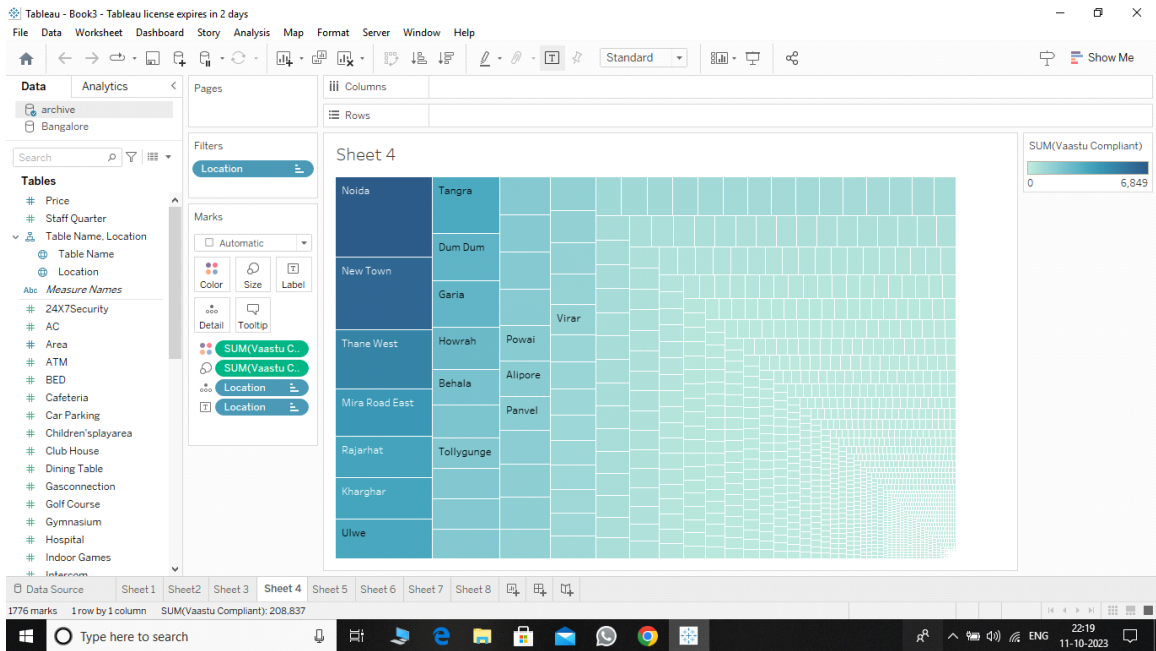
Sheet-3

Dashboard-1

Story

4 TEAM DETAILS

Team Lead - A.Sulaikama

Team Member 1 - P.Bala kavya

Team Member 2 - M.Rifka

Team Member 3 - M.Varja

5ADVANTAGES & DISADVANTAGES

ADVANTAGES

- ·0 High speed public transit system in the form of Metro,Monorail,Metrolite,RRTS,MRTS

- ·1 High speed internet access in the form of Fiber and 5G

- ·2 One day delivery of products including essentials like medicines and groceries

- ·3 Presence of an International Airport

- ·4 Head office of institutions,banks,boards,etc.are located

DISADVANTAGES

- ·5 High cost of rent and food

- ·6 Over population and pollution

- ·7 Increased competition and societal callousness

6.APPLICATION

·8 Economic growth and employment levels

·9 Population growth

·10 Empower the consumer for affordability

·11 Requirements analysis

·12 Socioeconomic attributes

·13 Price prediction

·14 Speculative demand

·15 Strengthen housing programme delivery

7.CONCLUSION

There is a strict need at present in India for affordable houses.It is the key to nations development to provide proper shelter to its citizens.The growing population in metropolitan areas have led to a housing shortfall.Thus there is a immediate need for houses in good quality.

8.FUTURESCOPE

Property prices in india are expected to increase 7.5% on a pan india basis this year,the fastest growth in five years ,according to a reuters poll of property analysts.Average house price where forecast to rise 6% next year and in 2024.

APPENDIX

SOURCE CODE-DASHBOARD

https://public.tableau.com/views/dashboard1_169640334 57690/Dashboard1?:language=en- US&:display_count=n&:origin=viz_share_link

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SOURCE CODE-STORY

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