



# Analysing Housing Prices in Metropolitan Area of India

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## **TEAM MEMBERS**

- **K. LAVANYA**
- **K. PRADEEPA**
- **T. MONISHA**
- **D. LANGESHWARI @ ANITHA**

# 1 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.

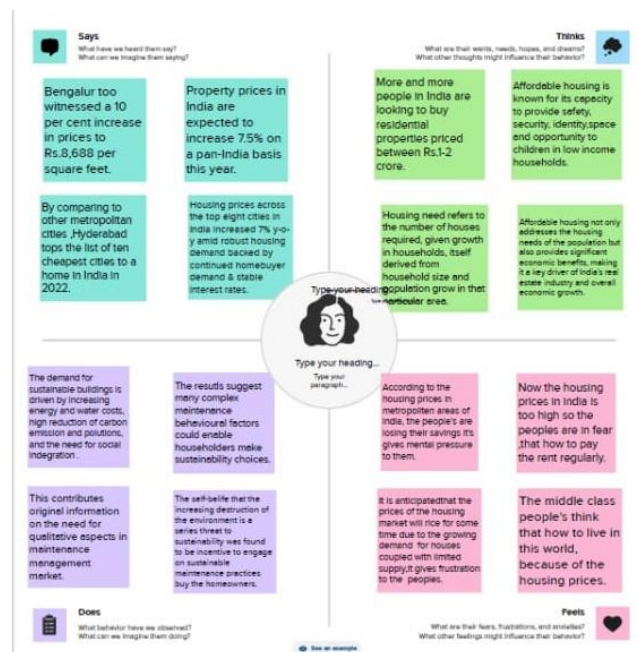
## 1.2 Purpose

The HPI is one of many economic indicators that investors use to keep a pulse on broader economic trends and potential shifts in the stock market. The rise and fall of house prices can have big implications for the economy.

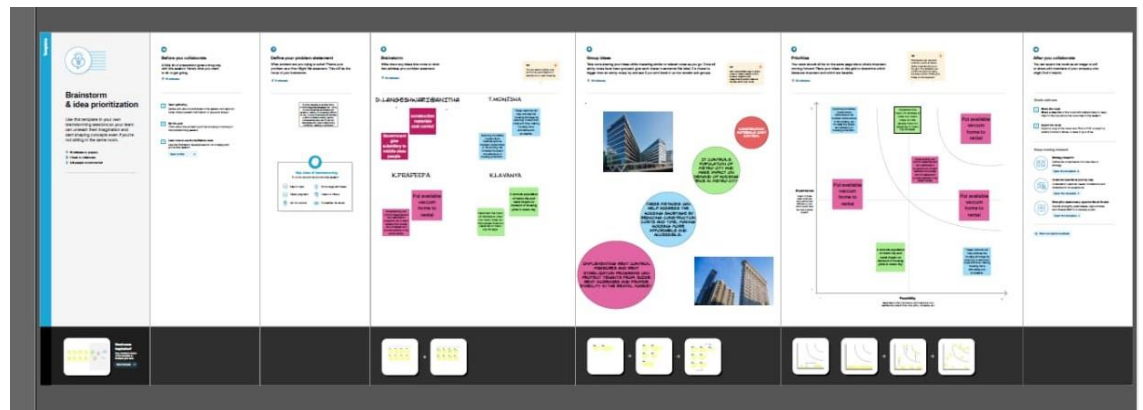
# 2 Problem Definition & Design Thinking

Social Impact: Houses with best facilities in India. By analysing the number of bed rooms and Services provided , may somebody with the dilemma to buy or not buy his/her own houses based on price and best facilities

## 2.1 EMPATHY MAP



## 2.2 Ideation & Brainstorming Map



## 3 RESULT

### 3.1 Activity & Screenshot

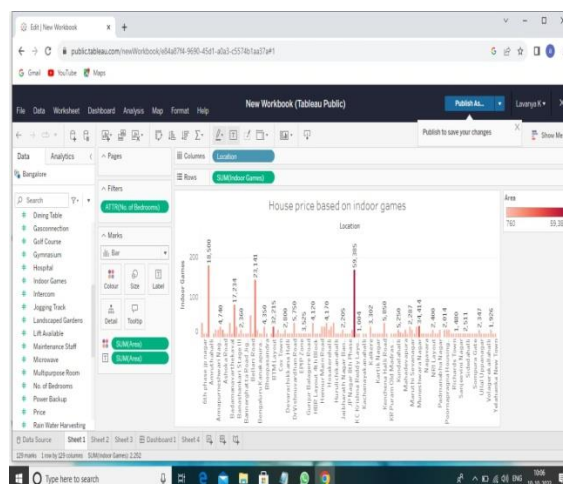
#### Milestone: 1

We creating Analysing housing prices in metropolitian areas of india and give username and password to login

#### Milestone: 2

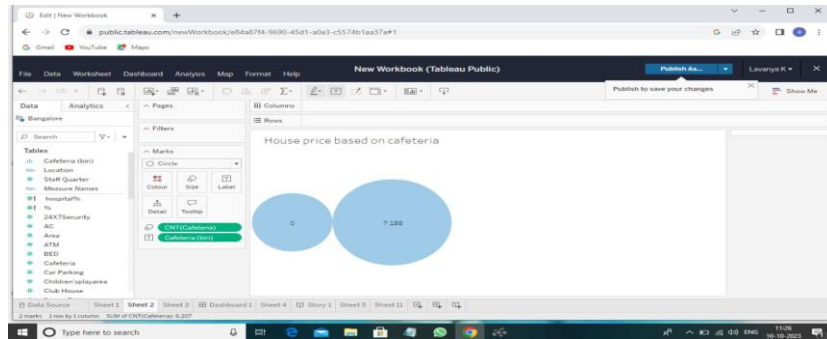
#### Activity-1 House Price based on Indoor games.

Now a days indoor games is also a part of house price



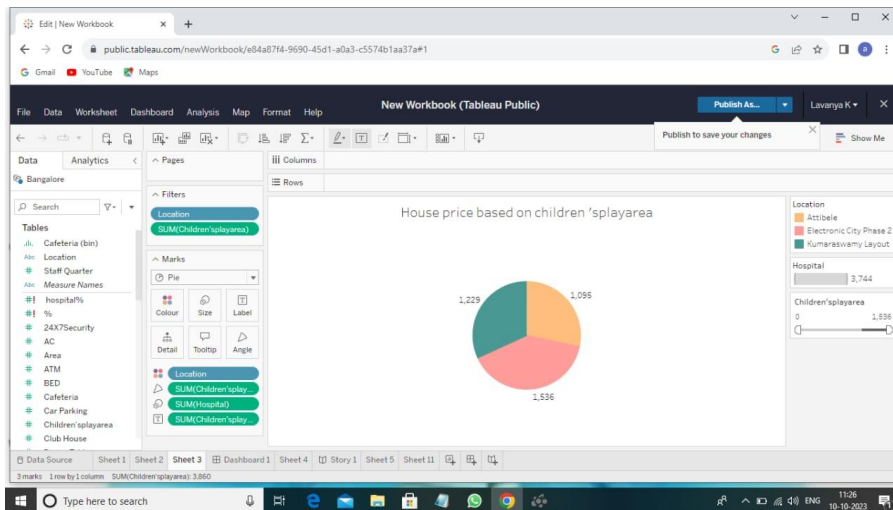
## Activity-2 House price based on cafeteria

When searching for a new hope buyers usually consider the usual suspects that is cafeteria



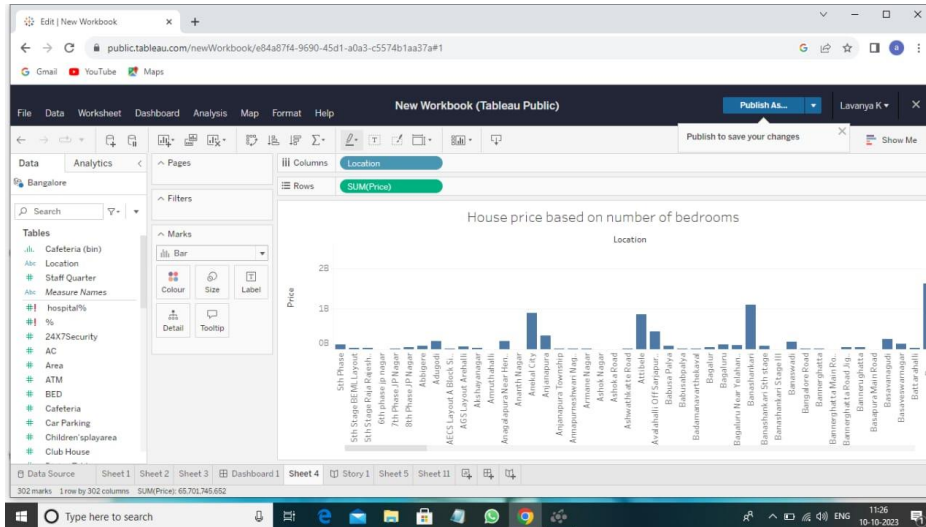
## Activity-3 House Prices Based on Childrens Playarea.

It gives children an opportunity to practice adult roles, solve problems and act out feelings they may not yet how to express in words.



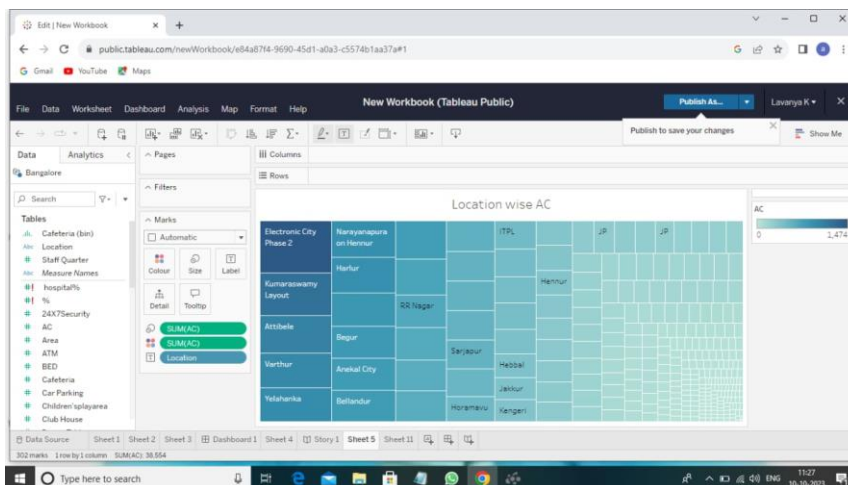
## Activity-4 House price based on no of bedrooms.

No of bedrooms fixed the price of house because people are need it must.



## Activity-5 Location wise AC.

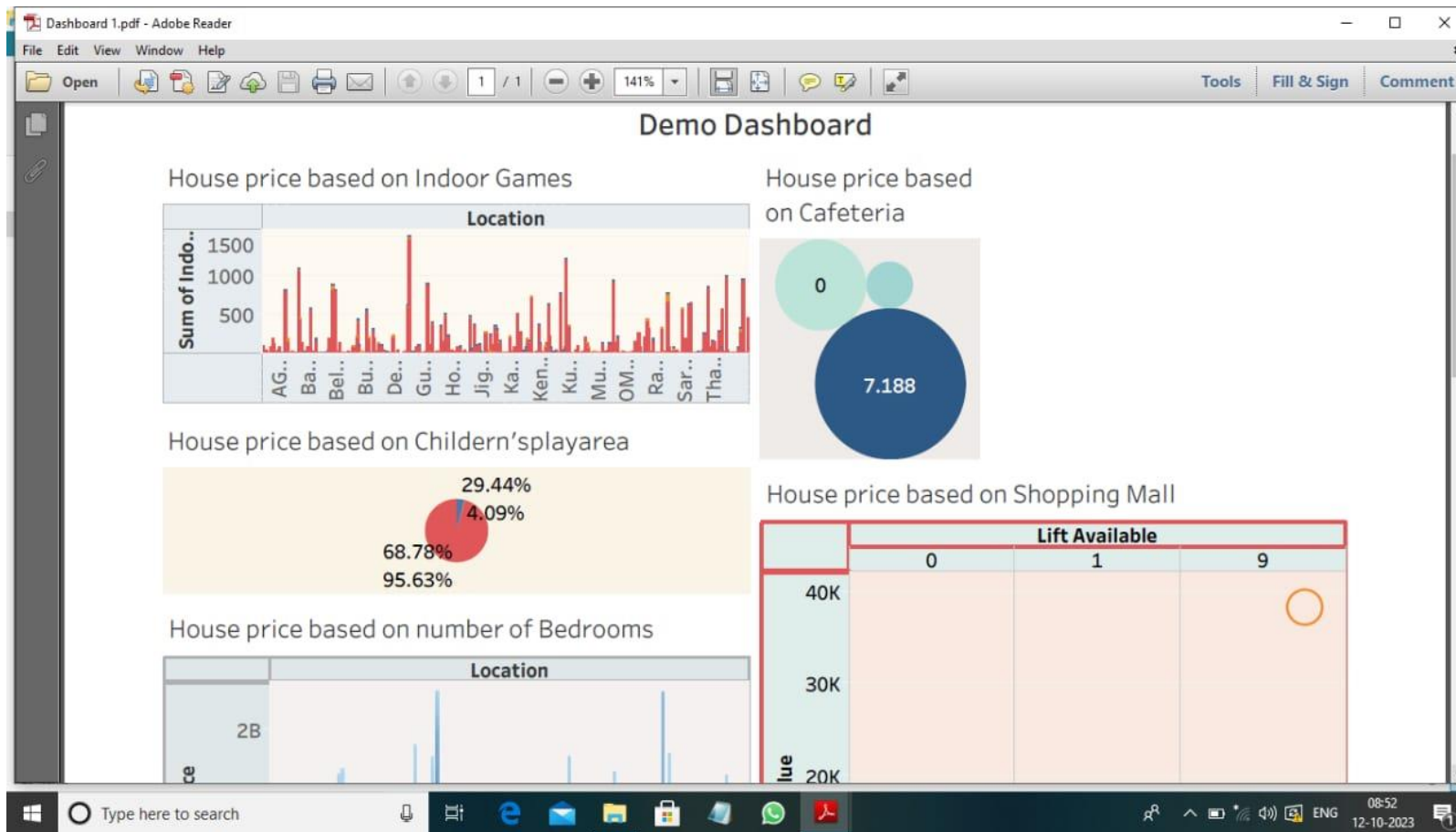
Here we know about the house price based AC in location wise.



### Milestone:3

### Dashboard

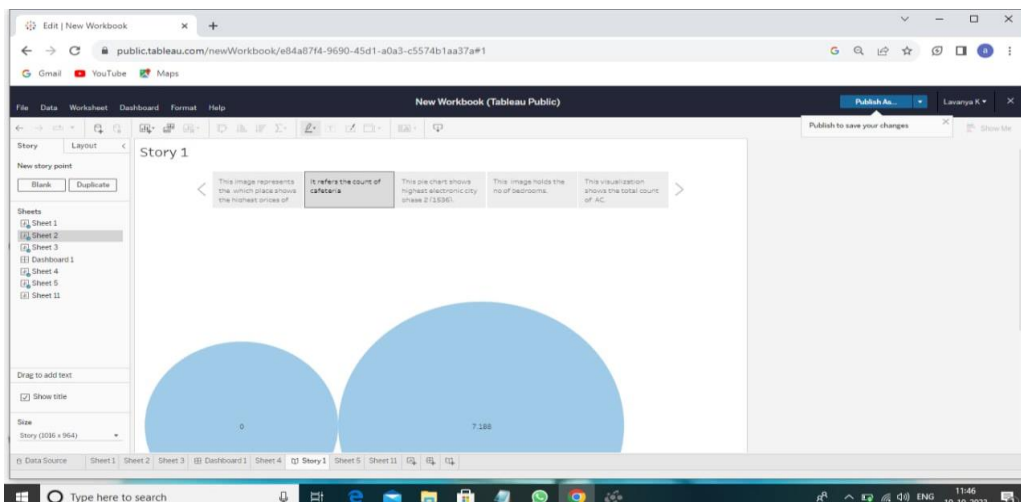
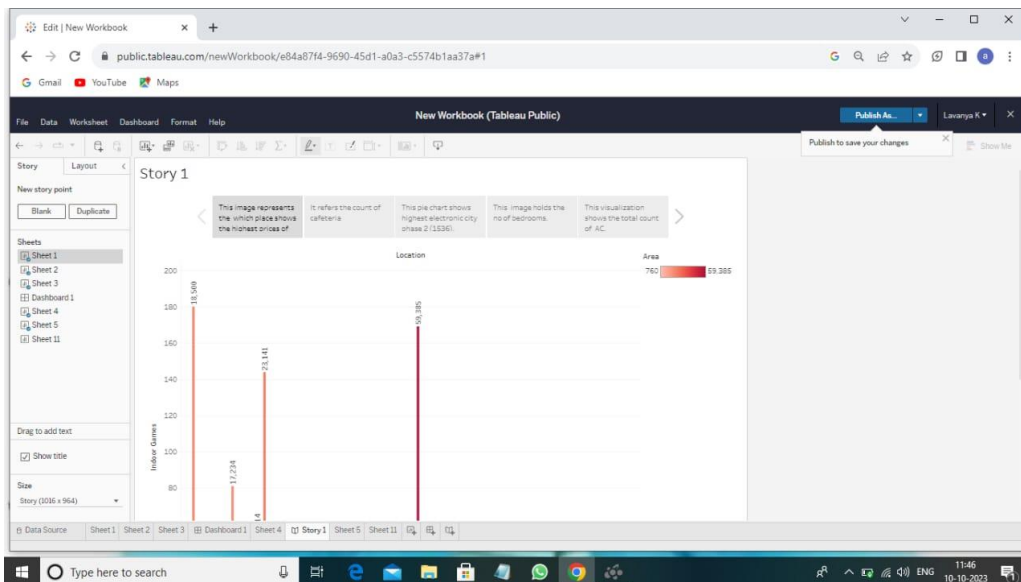
Move to dashboard select new and give the report name product with stock availability update it. We saw chart for the report and save it.



## **Milestone:4**

### **Story**

A data story is a way of presenting data and analysis in a narrative form, with the goal of making the information more engaging and easier to understand





## **4 Advantages & Disadvantages**

Advantages of House price prediction can help the developer determine the selling price of a house and can help the customer to arrange the right time to purchase a house. The values of X and Y variables are training datasets for the model representation of linear regression.

Disadvantages It doesn't predict future prices of the houses mentioned by the customer. Due to this, the risk in investment in an apartment or an area increases considerably. To minimize this error, customers tend to hire an agent which again increases the cost of the process

## **5 Applications**

House price prediction can help the developer determine the selling price of a house and can help the customer to arrange the right time to purchase a house. There are three factors that influence the price of a house which include physical conditions, concept and location

## **6 Conclusion**

A property's value is important in real estate transactions. Housing price trends are not only the concern of buyers and sellers, but it also indicates the current economic situation. Therefore, it is important to predict housing prices without bias to help both the buyers and sellers make their decisions.

## **7 Future Scope**

Reducing house price is the future scope for this.