

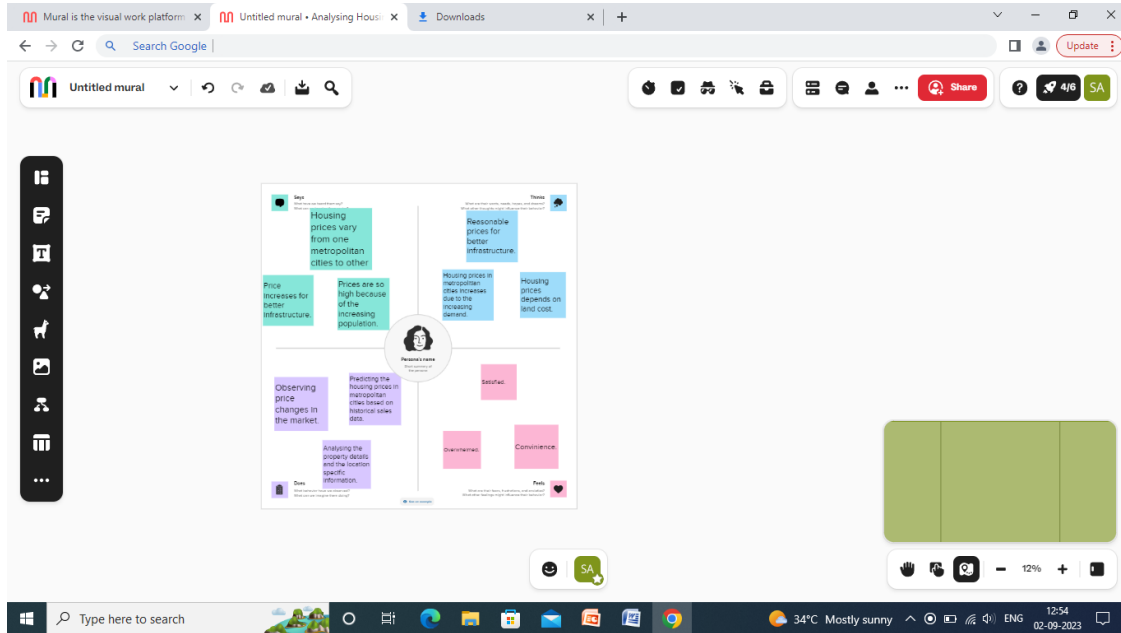
TEMPLATES

- ❖ Empathy map
- ❖ Brainstorm map
- ❖ Download tableau
- ❖ Download dataset
- ❖ Data visualization
- ❖ Create dashboard
- ❖ Publish tableau
- ❖ Create report
- ❖ Create demo video

EMPATHY MAP

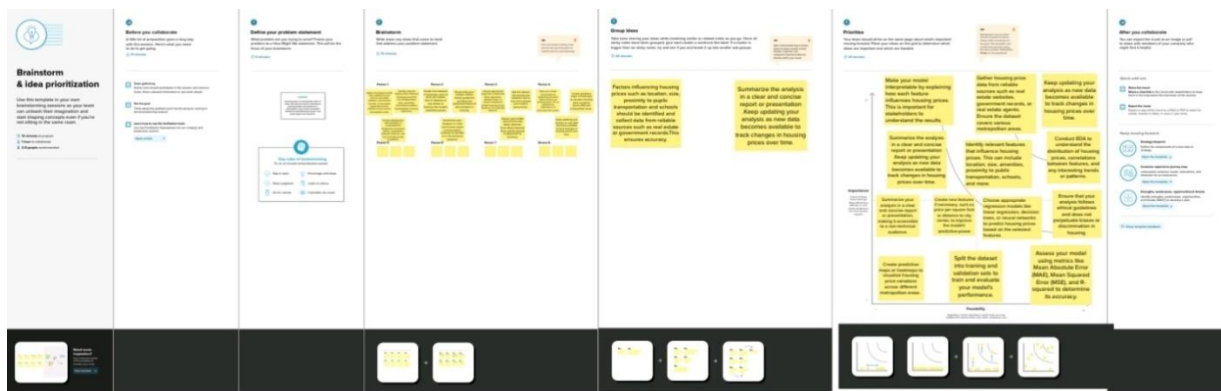
In the empathy map we have asked users about their concerns and experience .There are four parts in empathy map .They are says ,thinks ,does and feels .In the says part we write about what the user is saying about the part we asked them what they think about housing prices and in the does part we write what the user did to analyse housing prices .In the feels part we

asked how the user felt about the housing prices.



BRAINSTORM MAP

In order to do brainstorm map we first gather housing price data from reliable source and identify relevant features that influence housing price. This helps create predictive maps to visualize housing price variation across different metropolitan areas.



DOWNLOAD TABLEAU

We download tableau software for 14 days free trial .It helps us to create different charts, graphs, maps, dashboards and stories for visualizing and analysing housing prices in metropolitan areas of India.

DOWNLOAD DATASET

I download dataset using the below link

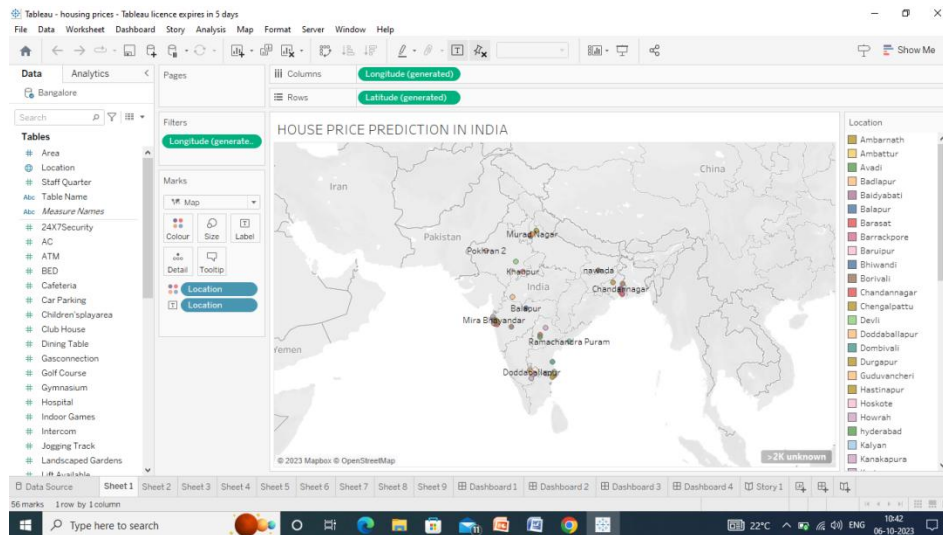
<https://www.kaggle.com/datasets/ruchi798/housing-prices-in-metropolitan-areas-of-india>

The dataset comprises data that provide information about housing prices in metropolitan areas of India.

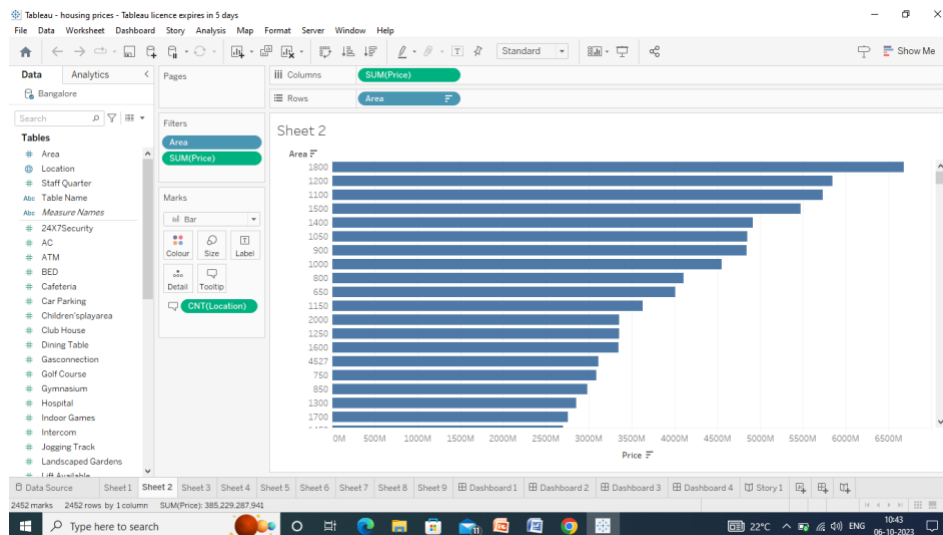
Data visualization

In the data visualization process we have created graphical representation of housing prices in metropolitan areas of India. This helps to understand the information. By using visual elements such as charts, graphs and map it become easier to analyse and understand the housing prices.

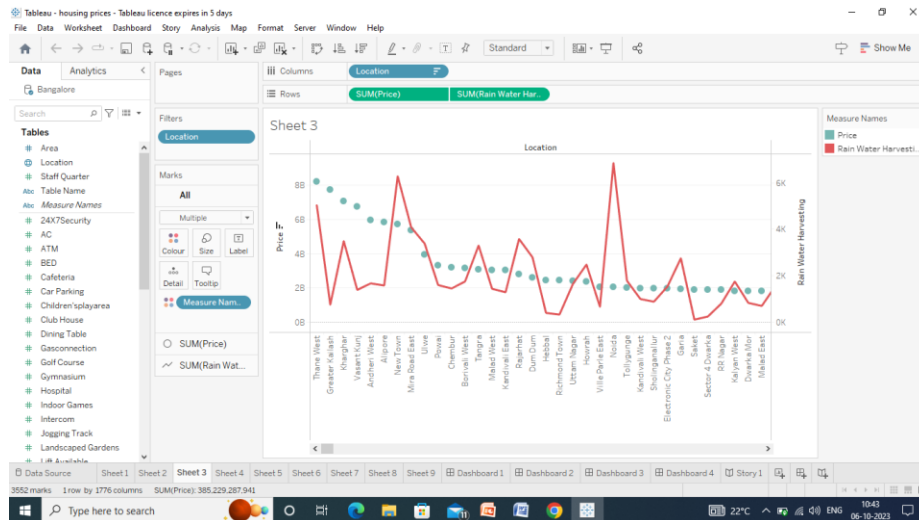
➤ Latitude and longitude based on location



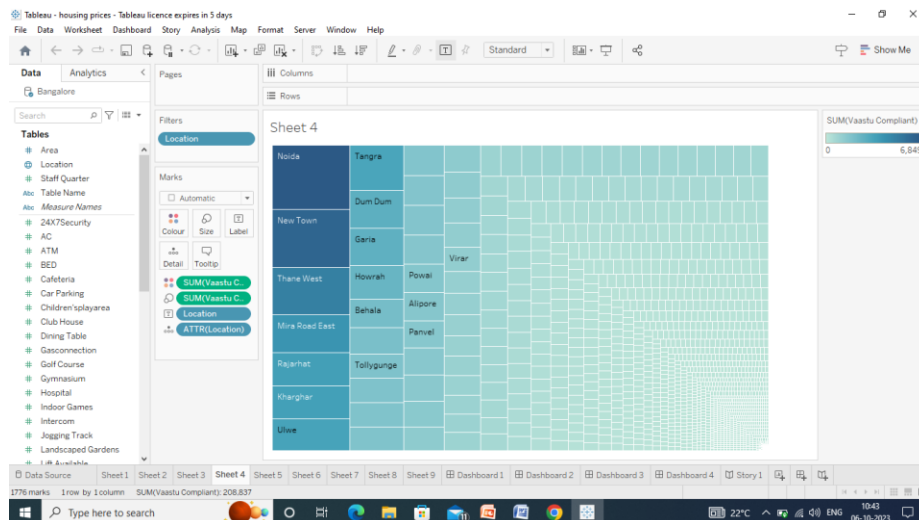
➤ Number of houses based on area in square feet



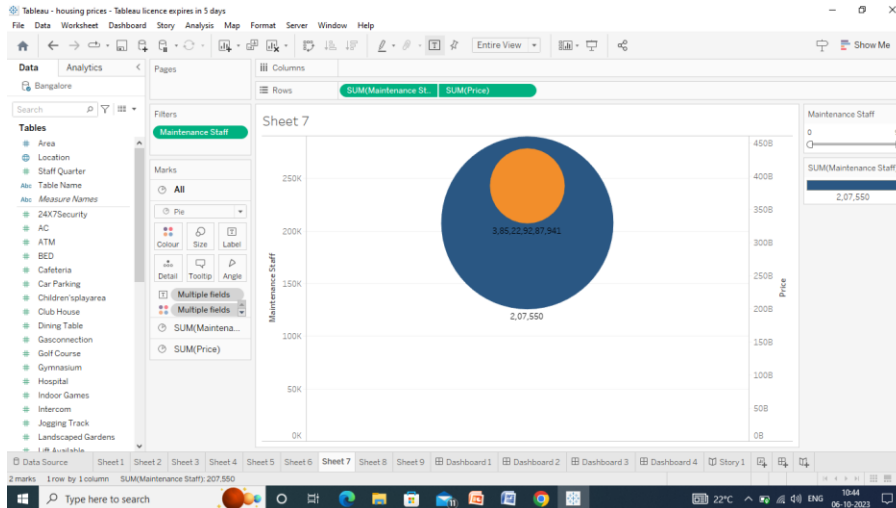
➤ Houses price based on rainwater harvest pits



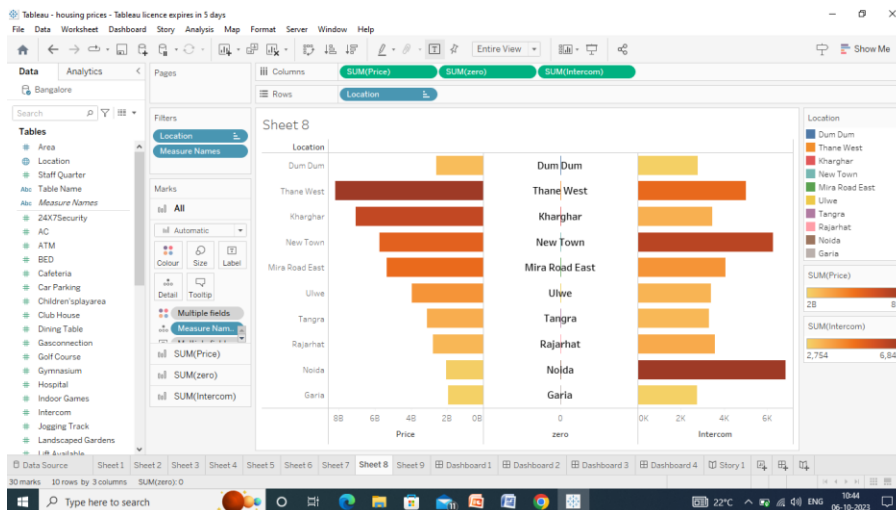
➤ Vastu-complaints based on location



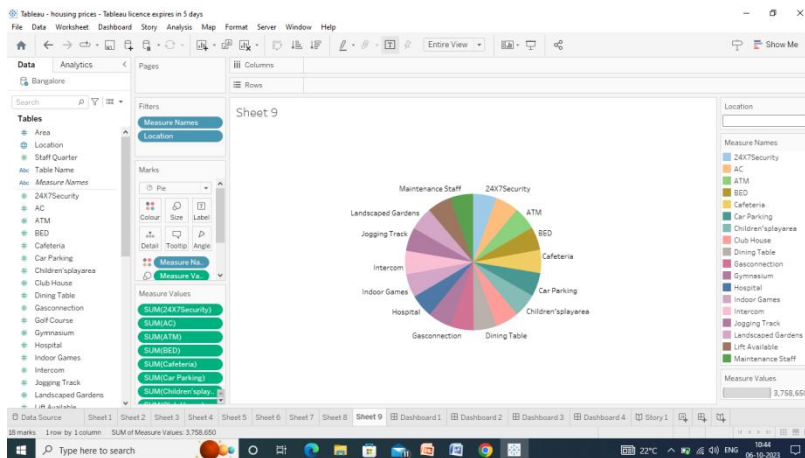
➤ Maintains staff in house price



➤ House price and intercom



➤ All service based on location

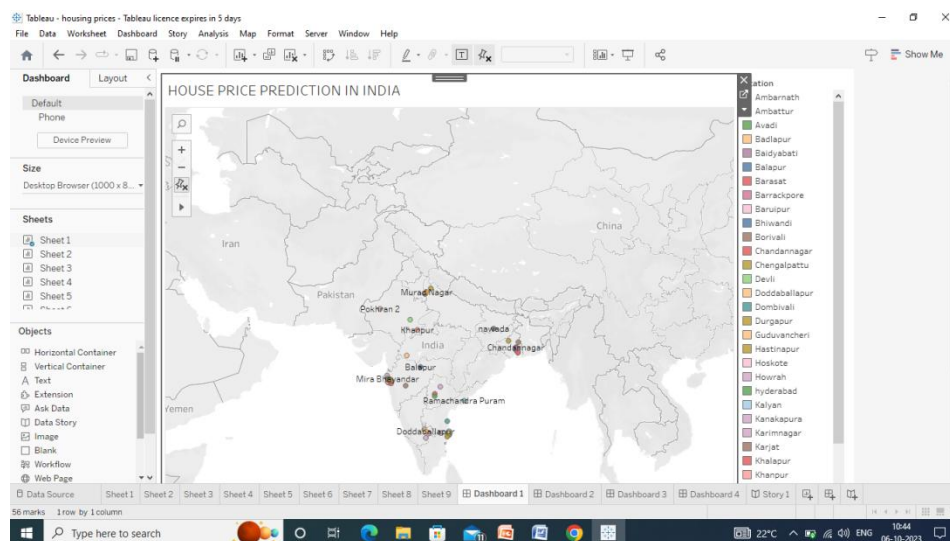


Create dashboard

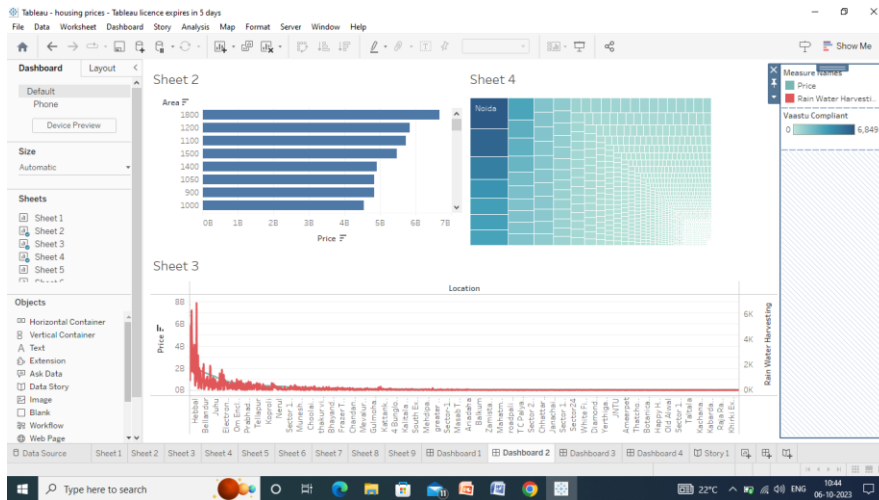
I created dashboard using the data visualization sheets. After creating views on different sheets in tableau pull them into a dashboard.

Responsive and design of dashboard

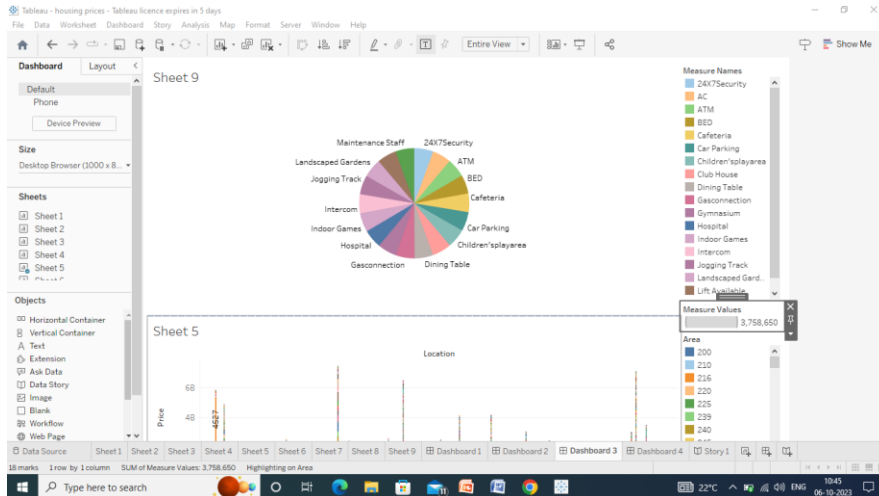
Dashboard 1



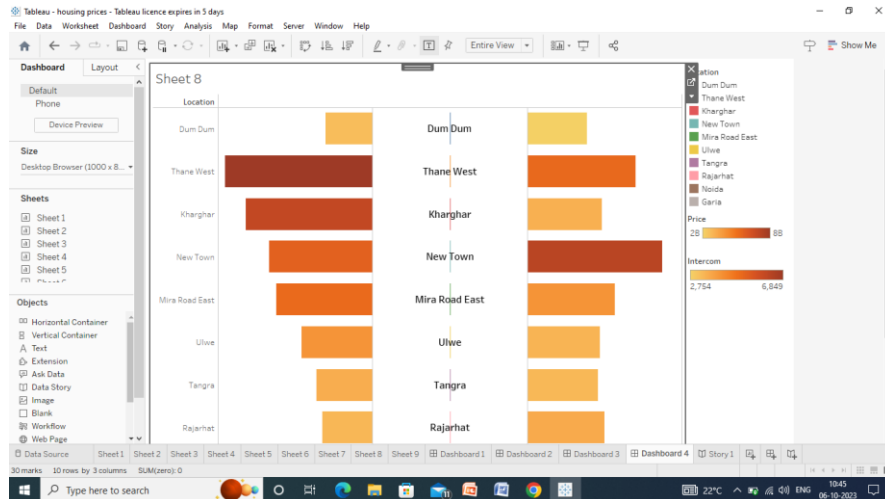
Dashboard 2



Dashboard 3

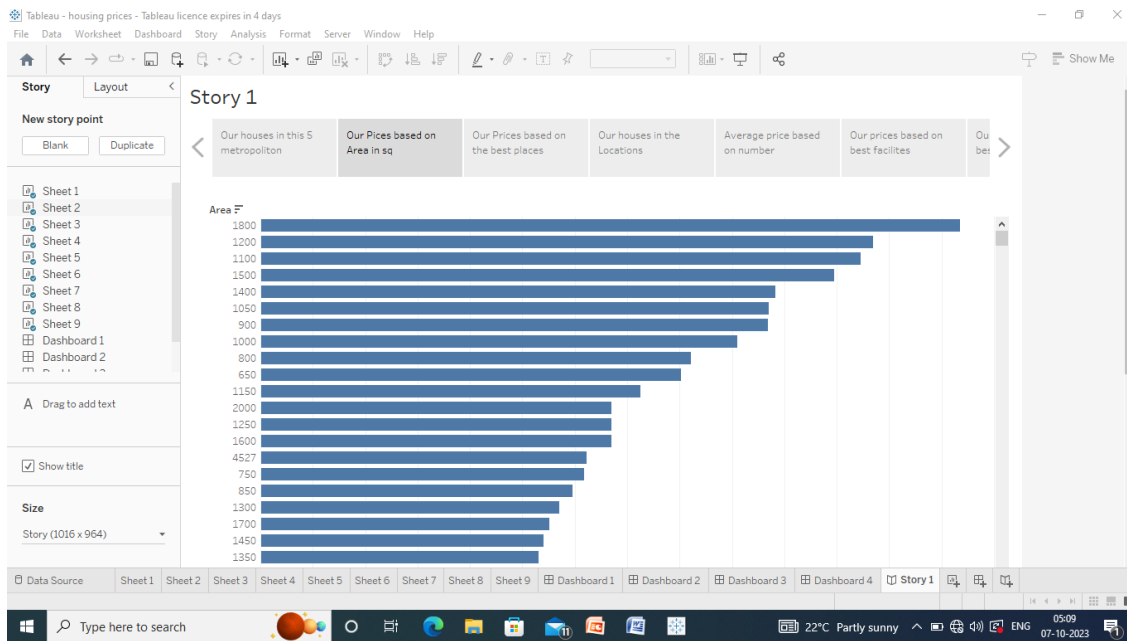
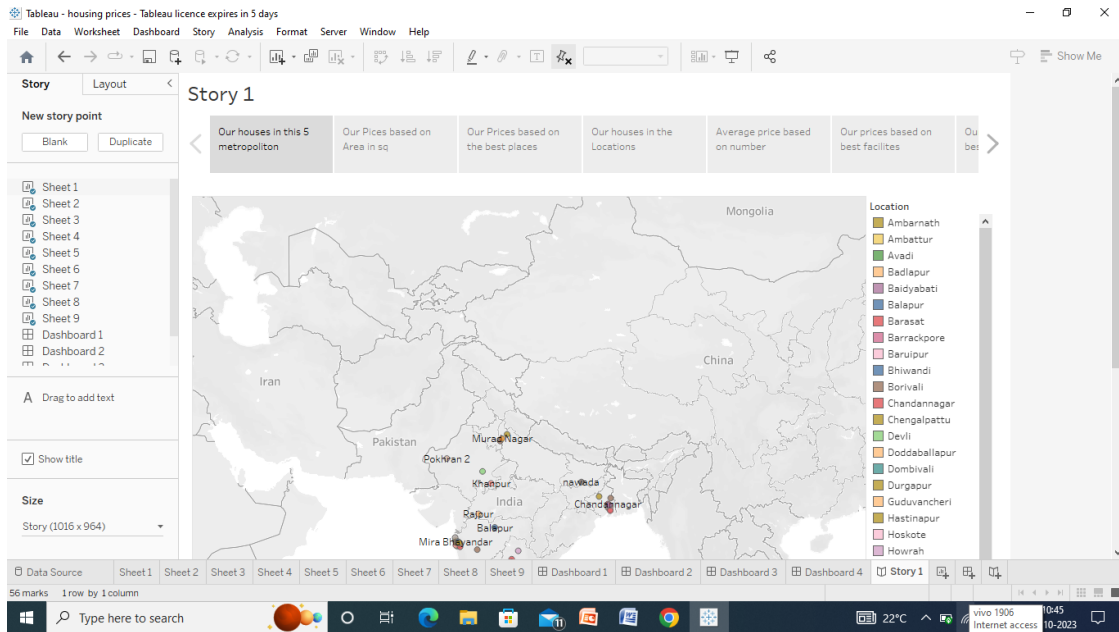


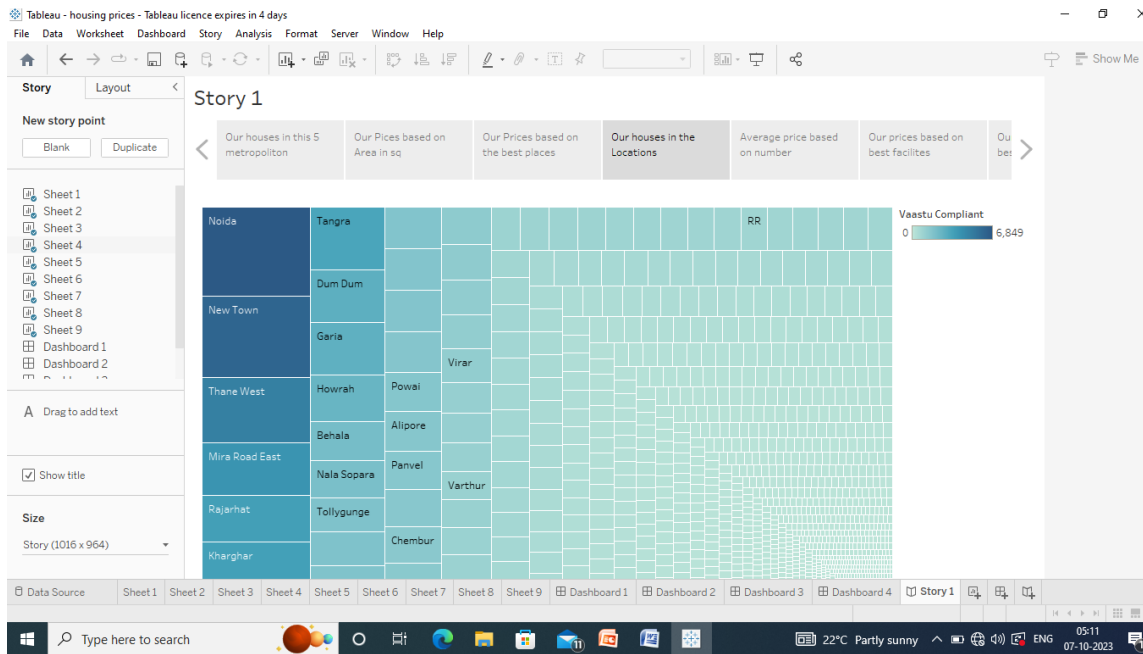
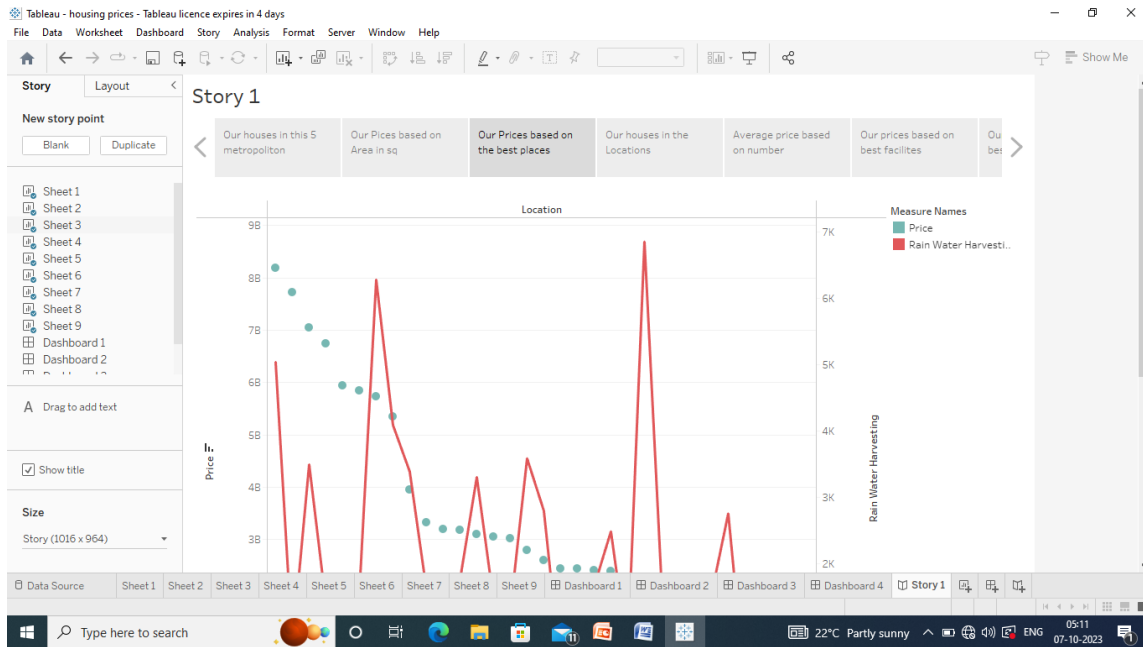
Dashboard 4

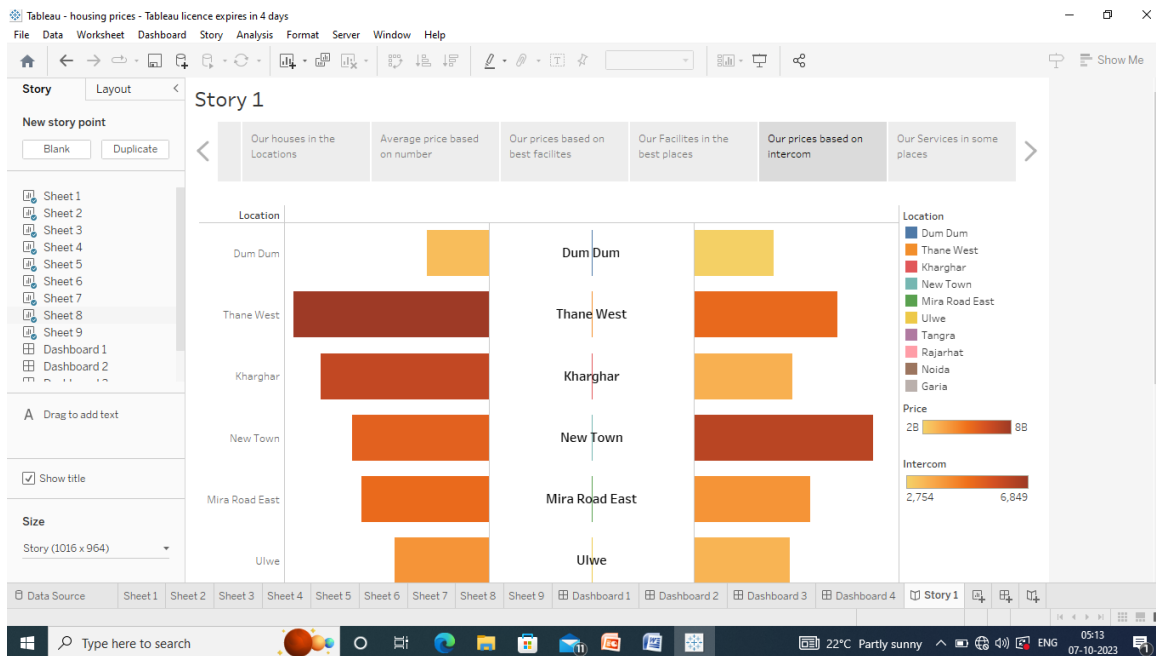
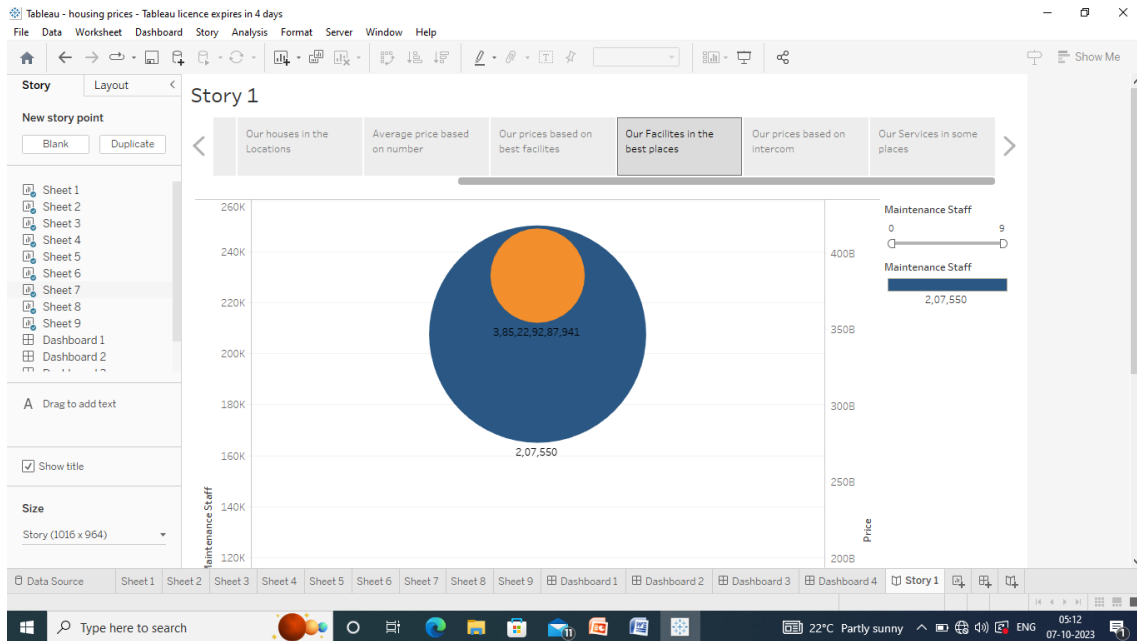


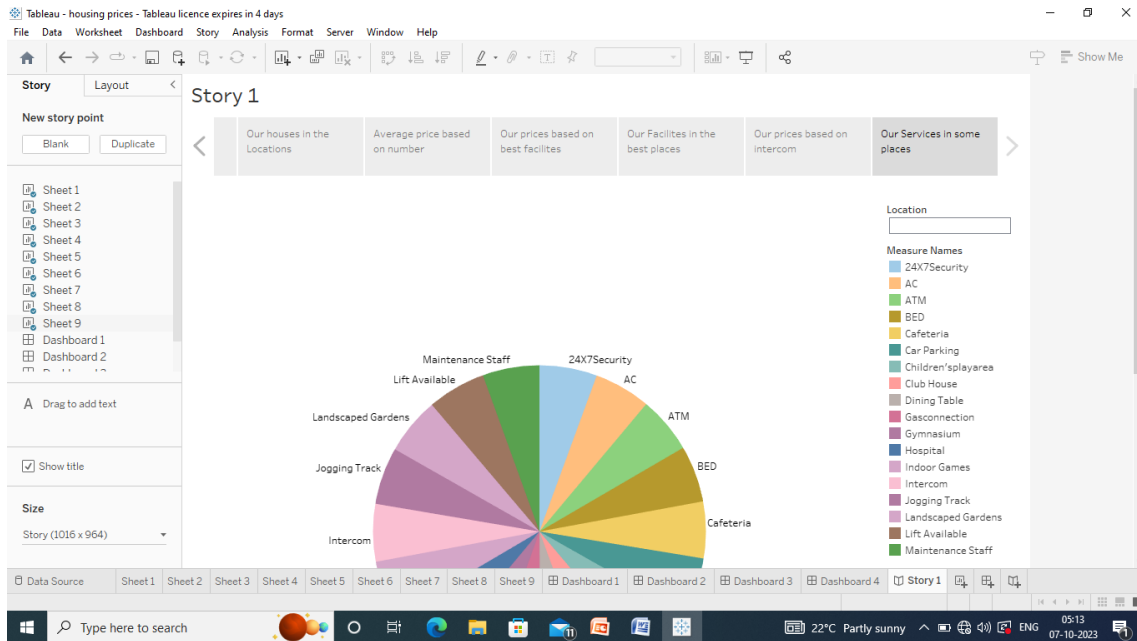
Create story

I created story using the data visualization sheets. Data stories can be told using variety of medium such as reports, presentation, interactive visualizations, and vedios.









Publish tableau

I published tableau in tableau public.

Tableau - housing prices - Tableau licence expires in 4 days

File Data Server Window Help

Connections: Bangalore Text file

Files: Use Data Interpreter (unchecked). Data Interpreter might be able to clean your Text file workbook.

- Bangalore.csv
- Chennai.csv
- Delhi.csv
- Hyderabad.csv
- Kolkata.csv
- Mumbai.csv

New Union, New Table Extension

Bangalore

Connection: Live (selected), Extract (unchecked). Filters: 0 | Add

Bangalore.csv is made of 6 tables.

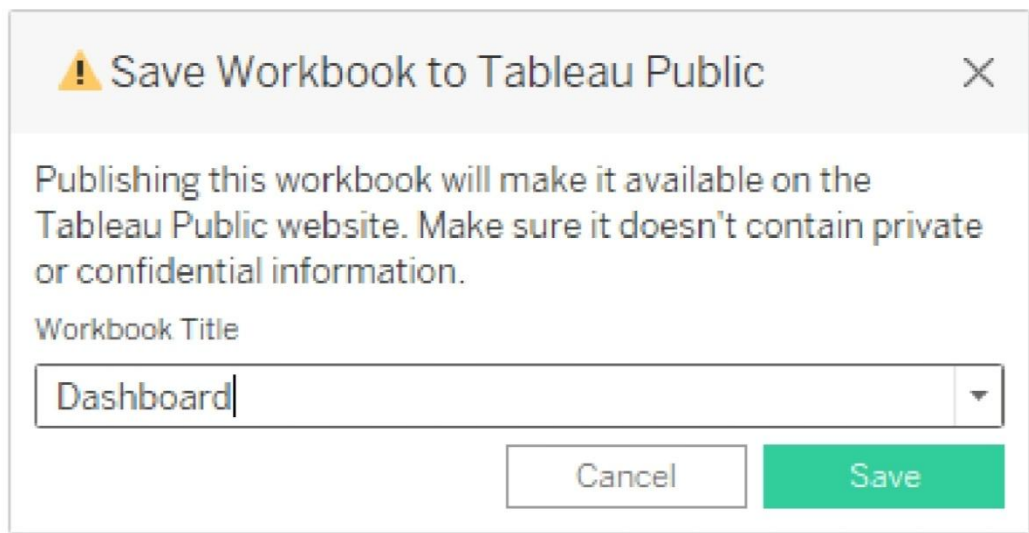
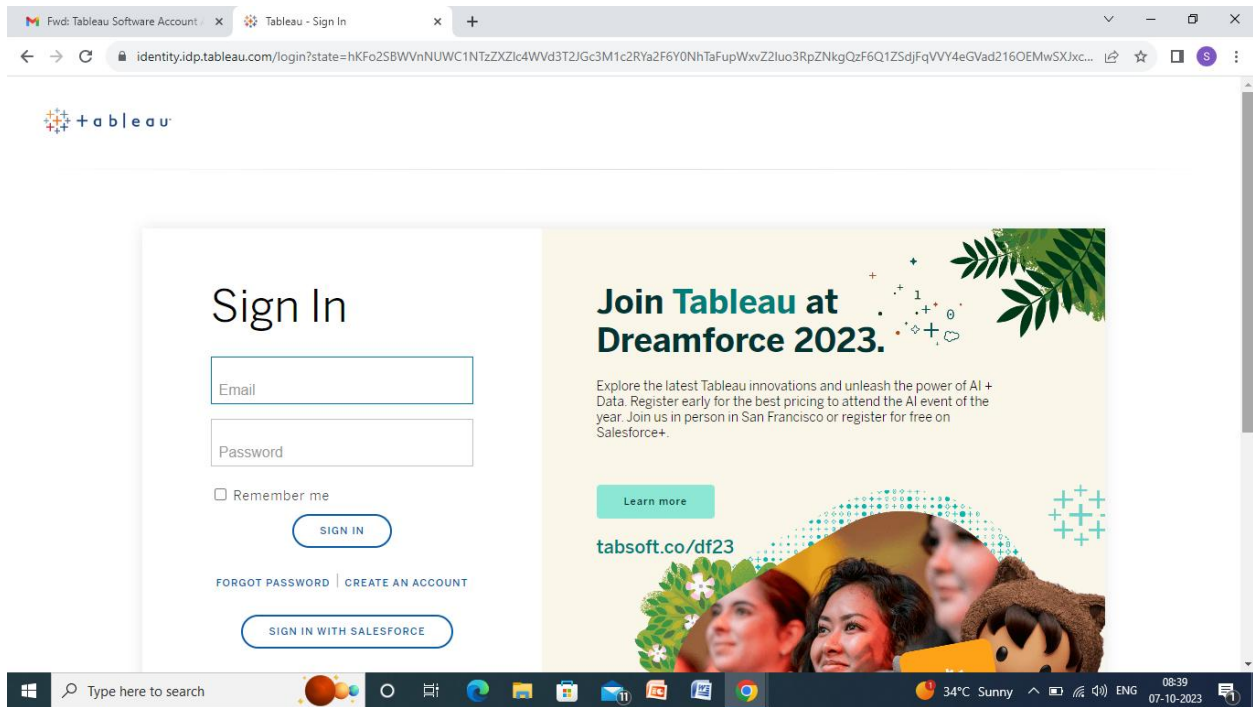
Bangalore.csv+

Bangalore.csv: 42 fields 32963 rows. 100 rows displayed.

Name	Price	Area	Location	No. of Bedrooms	Resale
Bangalore.csv+	30,000,000	3340	JP Nagar Phase 1	4	0
Bangalore.csv+	7,888,000	1045	Dasarahalli on Tumkur Road	2	0
Bangalore.csv+	4,866,000	1179	Kannur on Thanisandra Main ...	2	0
Bangalore.csv+	8,358,000	1675	Doddanekundi	3	0
Bangalore.csv+	6,845,000	1670	Kengeri	3	0

Fields table:

Type	Field Name	Physical Table	Remot...
#	Price	Bangalore.csv+	Price



Create project report

I create project report using sheets and dashboard.

Create demo video

Demo video is created.

