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Course Name	Zoho Books
College Name	Mangayarkarasi College of Arts and Science for WomenParavai, Madurai - 625002
College Code	MKU251
Skill Offering Id	
Project Title	HealthHub medical clinic
Project Submitted To	Madurai Kamaraj University(Naan Mudhalvan Scheme(TNSDC))
Year	2023
Department	B.COM
Semester	6
Group Number	21

Total Members of the Group		4
Group Members Details		
Name of the Member	University Register. No	Student NM ID
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A.selvasankari	C1C15652	NM2023TMID37192
B.Shruthy	C1C15655	NM2023TMID37192
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Under the Guidance	Mrs.Anu	
SPOC	Ms.P.UMADEVI	

Analysing Housing Prices in Metropolitan areas in India

1. Introduction.

1.1 Overview

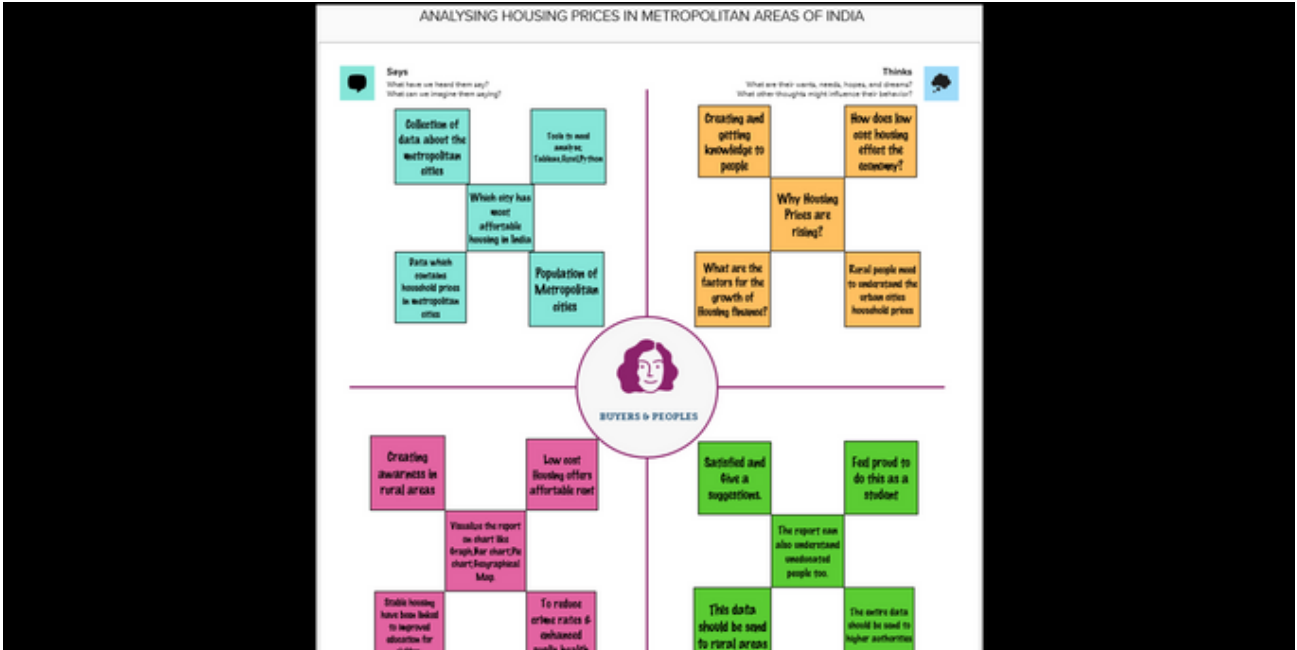
Analysing housing prices in metropolitan areas in India is a complex and multifaceted topic. Here's a brief description, Housing Prices can vary significantly across different metropolitan areas, with cities like Mumbai, Delhi, and Bangalore often having higher real estate costs compared to smaller metros. In Summary, analysing housing prices in Indian metropolitan areas involves examining the complex interplay of economic, social and policy factors that impact the real estate market, making it a vital area of study and concern for both residents and investors.

1.2 Purpose

Economic and social Housing prices analysis can be used to gauge the quality of life in different areas and the accessibility of amenities. In essence, analyzing housing prices serves a broad range of purposes, from informing individual decisions to shaping government policies and contributing to a deeper understanding of the fabric of a region.

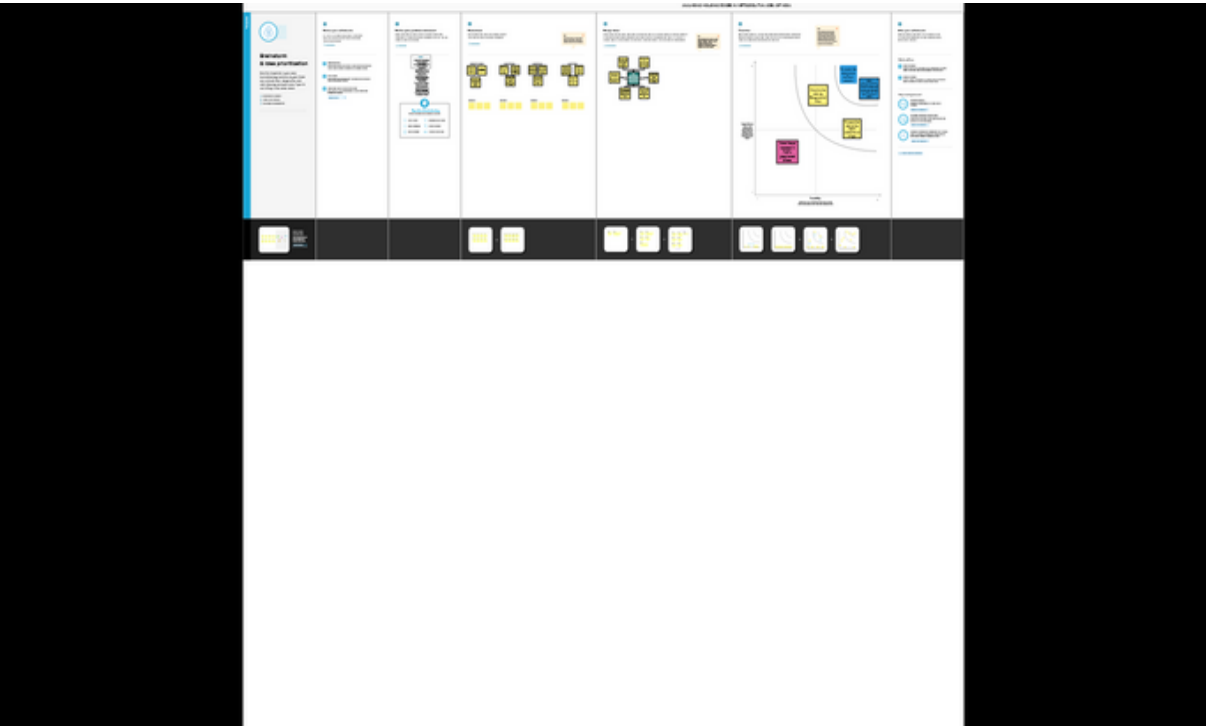
1. Problem Definition and Design Thinking

a. Empathy Map





2.2 Ideation and Brainstroming Map



1. Result:



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Bangalore.csv 42 fields 32963 rows 100 rows

Name
Bangalore.csv

Fields

Type	Field Name	Physical Table	Remot...
Price	Price	Bangalore.csv+	Price
Area	Area	Bangalore.csv+	Area
Abc	Location	Bangalore.csv+	Location

Bangalore.csv...	Bangalore.csv...	Abc Bangalore.csv+	Bangalore.csv+	Bangalore.csv...	Bangalore.csv+	Bangalore.csv+
Price	Area	Location	No. of Bedrooms	Resale	Maintenance Staff	Gymnasium
30,000,000	3,340	JP Nagar Phase 1	4	0	1	
7,888,000	1,045	Dasarahalli on Tumkur Road	2	0	0	
4,866,000	1,179	Kannur on Thanisandra Main ...	2	0	0	
8,358,000	1,675	Doddanekundi	3	0	0	
6,845,000	1,670	Kengeri	3	0	1	
6,797,000	1,220	Horamavu	2	0	0	
20,000,000	2,502	Thanisandra	4	0	0	

Data Source Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Dashboard 2 Dashboard 3 Story 1 Story 2

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Tableau - Book3 - Tableau license expires in 9 days

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☐ Use Data Interpreter
Data Interpreter might be able to clean your Text file workbook.

Bangalore.csv
Chennai.csv
Delhi.csv
Hyderabad.csv
Kolkata.csv
Mumbai.csv
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New Table Extension

Bangalore.csv 42 fields 32963 rows 100 rows

Name
Bangalore.csv

Fields

Type	Field Name	Physical Table	Remot...
Price	Price	Bangalore.csv+	Price
Area	Area	Bangalore.csv+	Area
Abc	Location	Bangalore.csv+	Location

Connection: Bangalore

Bangalore.csv+
Chennai.csv
Delhi.csv
Hyderabad.csv
Kolkata.csv

Tables in union: 6

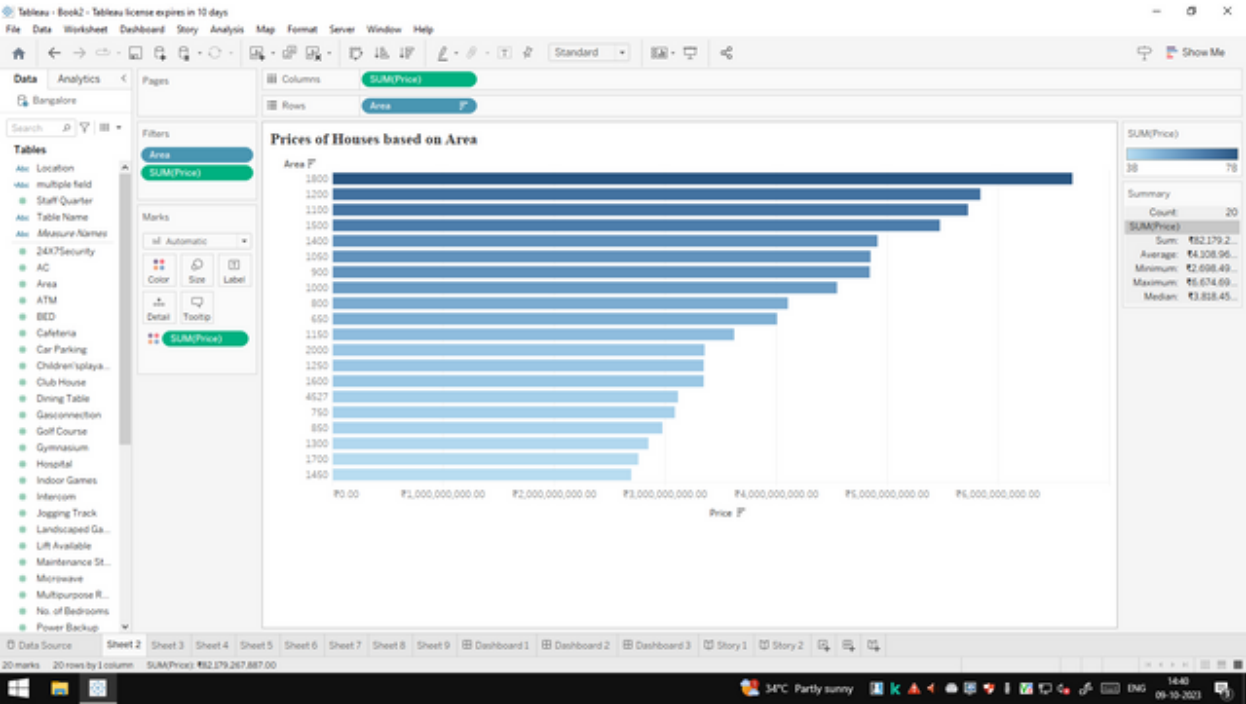
Apply OK

Bangalore.csv+	Bangalore.csv...	Bangalore.csv+	Bangalore.csv+
No. of Bedrooms	Resale	Maintenance Staff	Gymnasium
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2	0	0	
2	0	0	
3	0	0	
3	0	1	
2	0	0	
4	0	0	

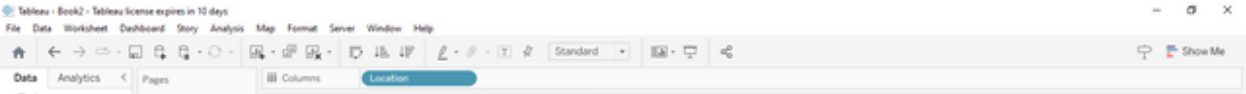
Data Source Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Dashboard 2 Dashboard 3 Story 1 Story 2

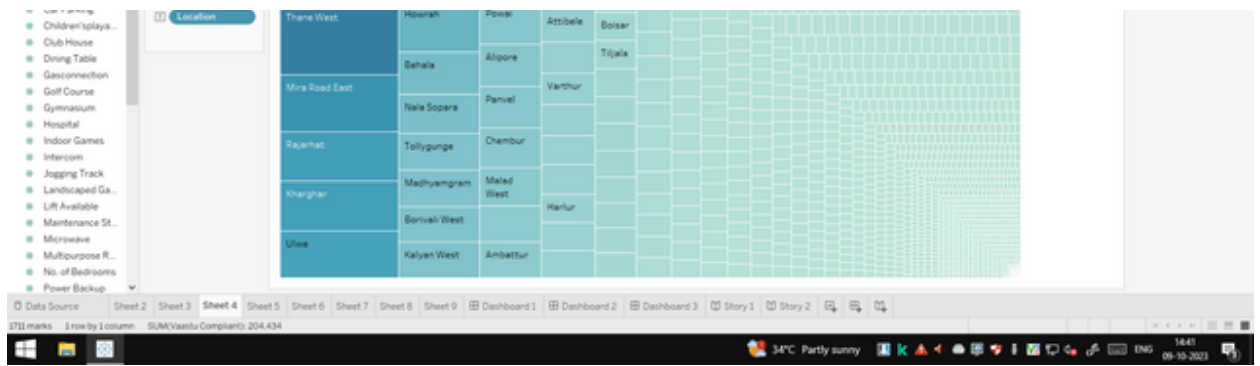
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Prices of Houses based on Area :

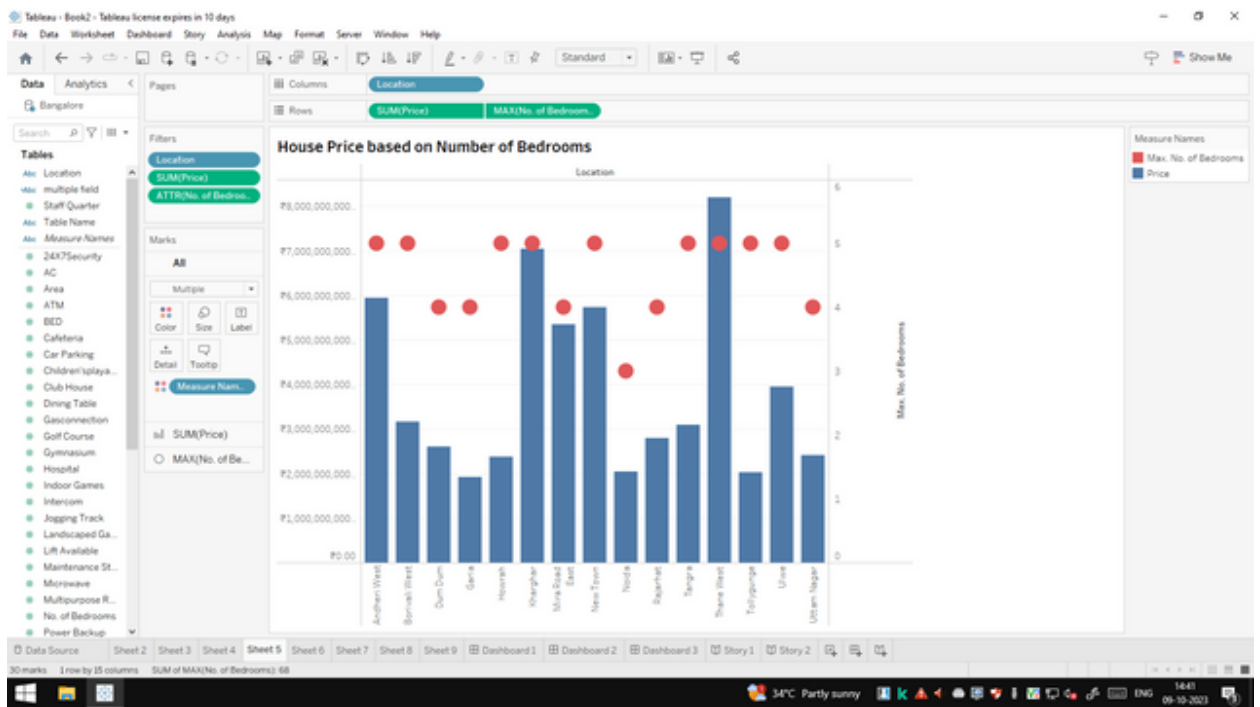


House Price based on Rain Water pits:

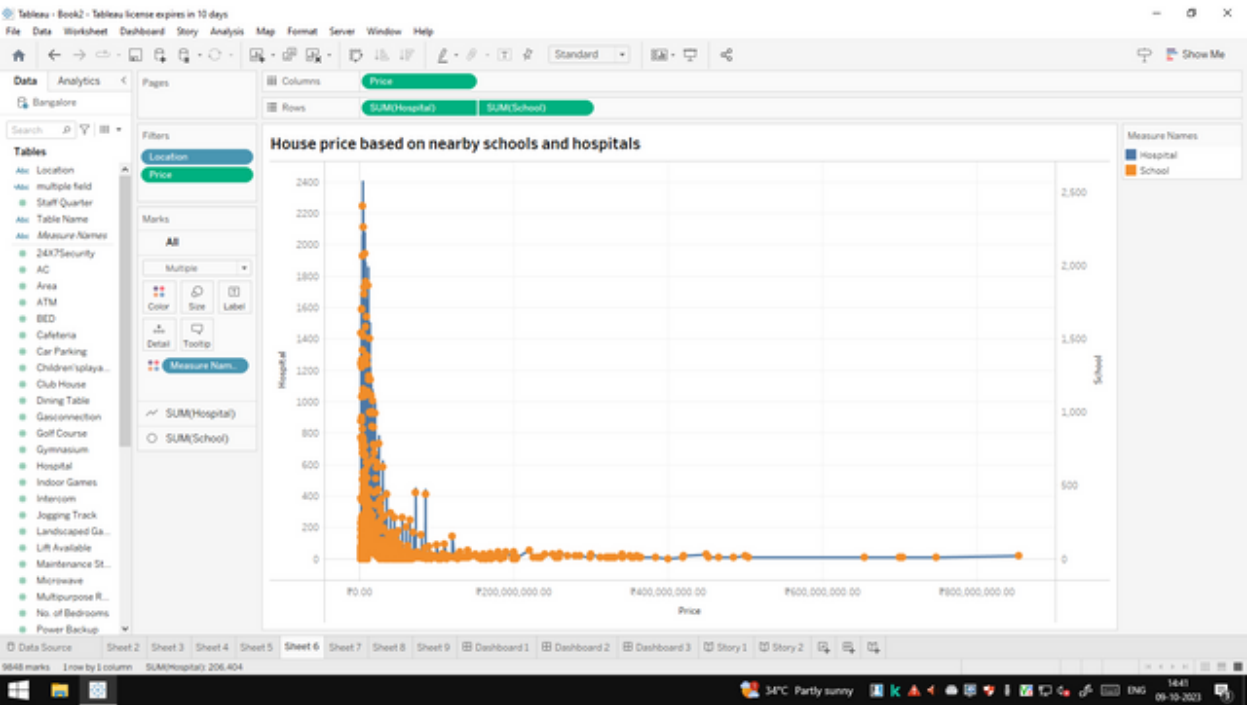




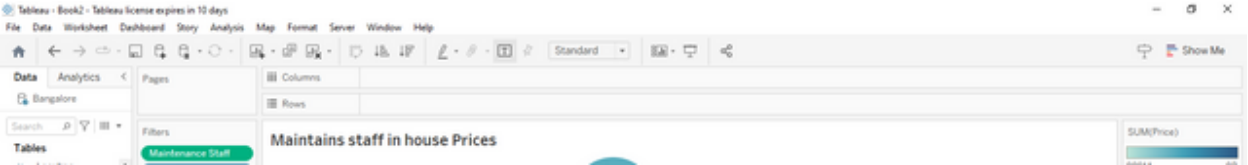
House price based on Number of Bedrooms :

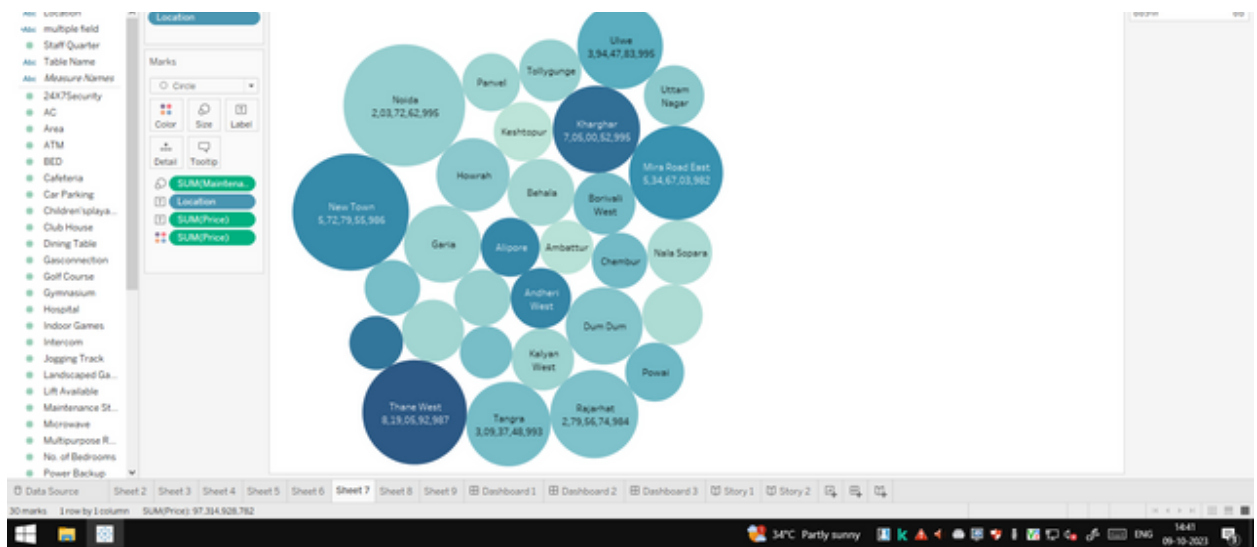


House price based on nearby schools and hospitals:

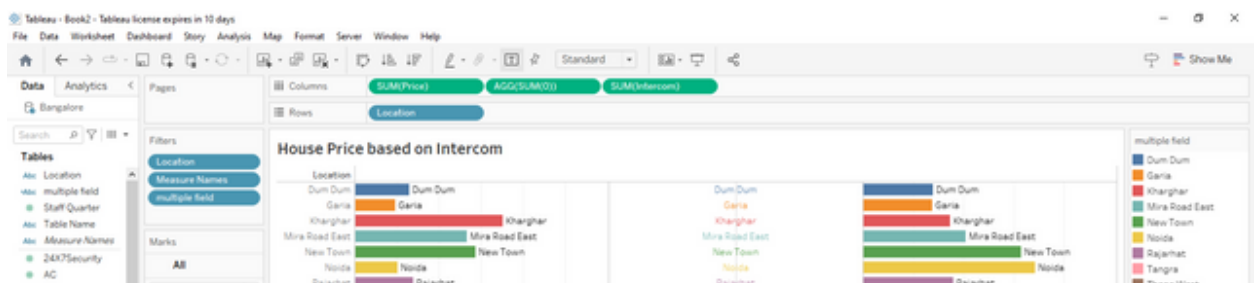


Maintain staff in houses prices:



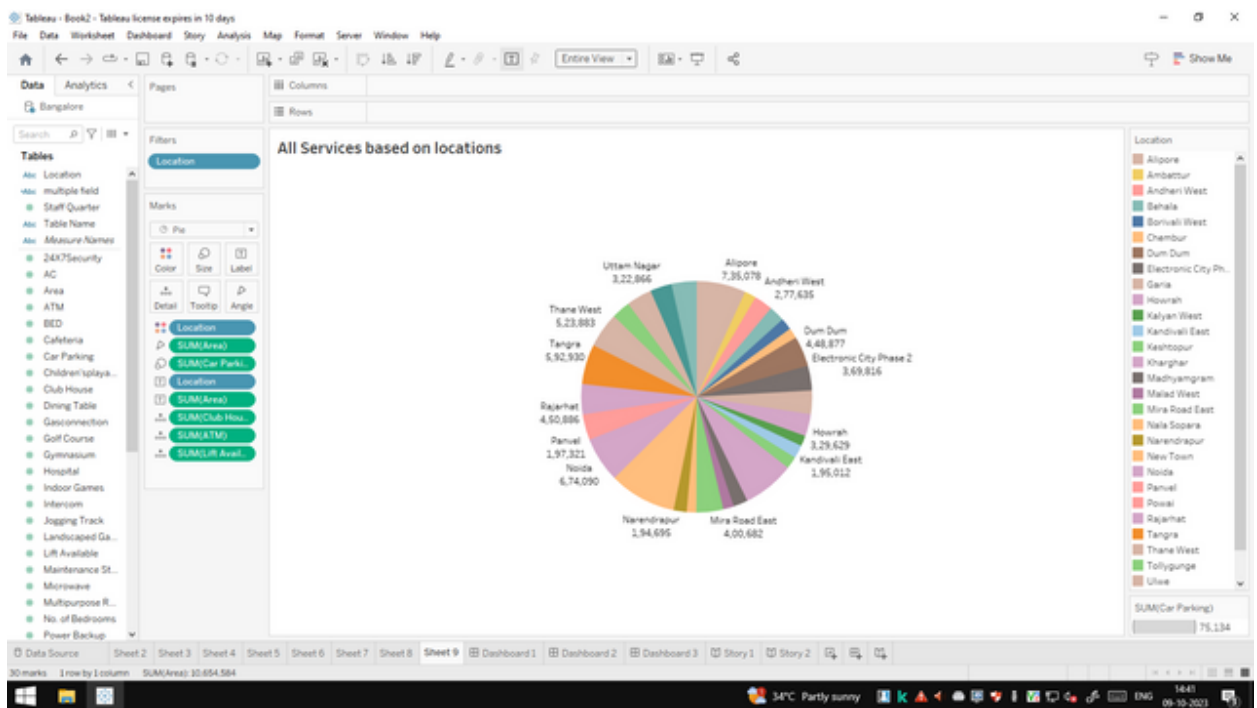


House Price and Intercom:

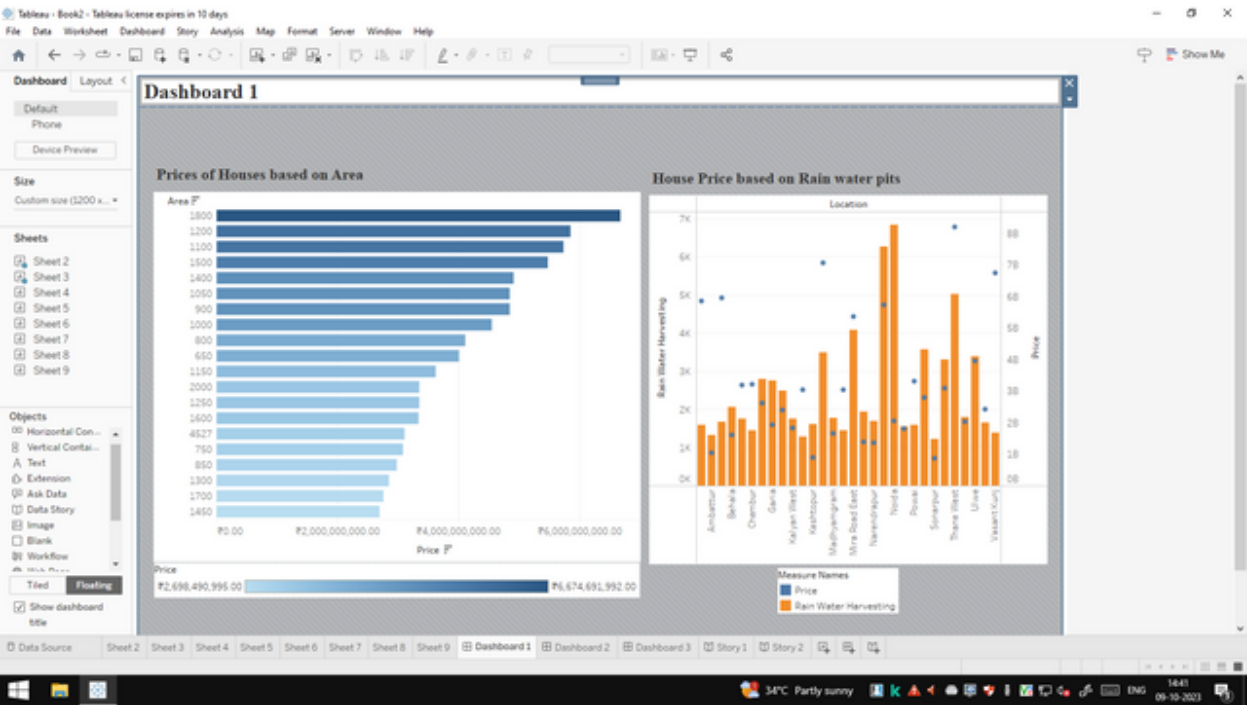




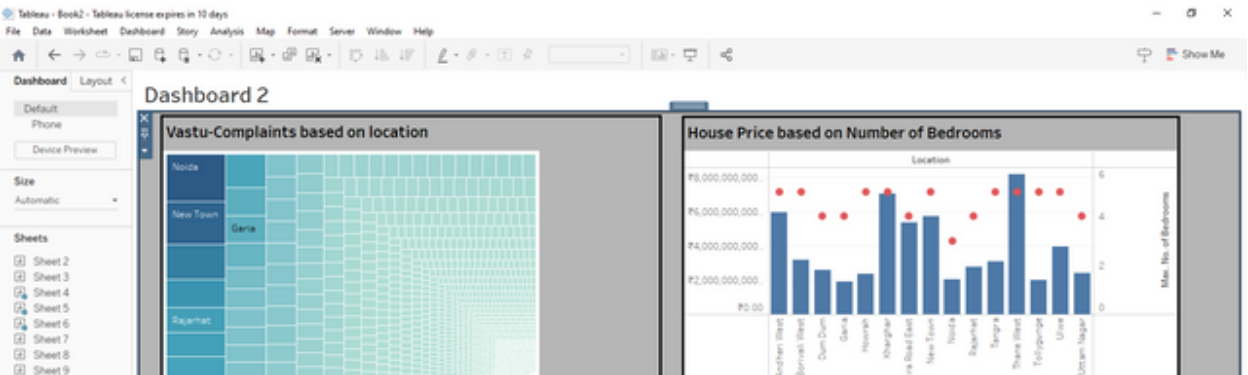
All services based on locations:

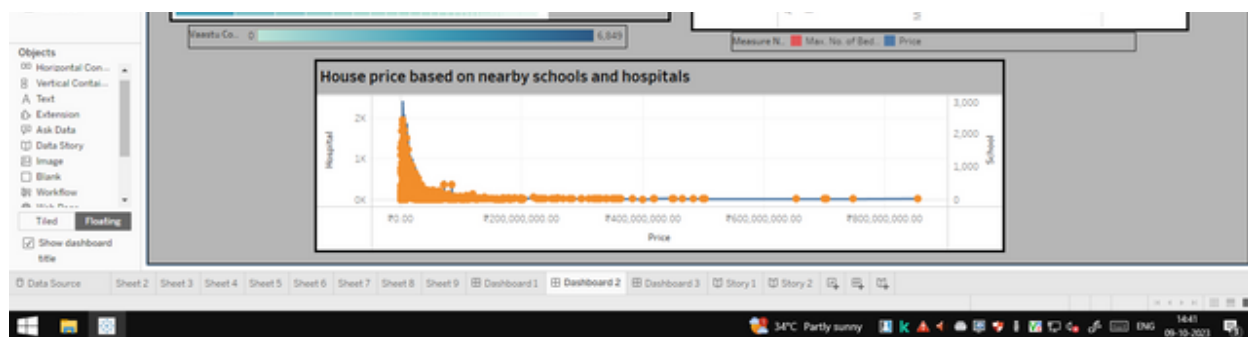


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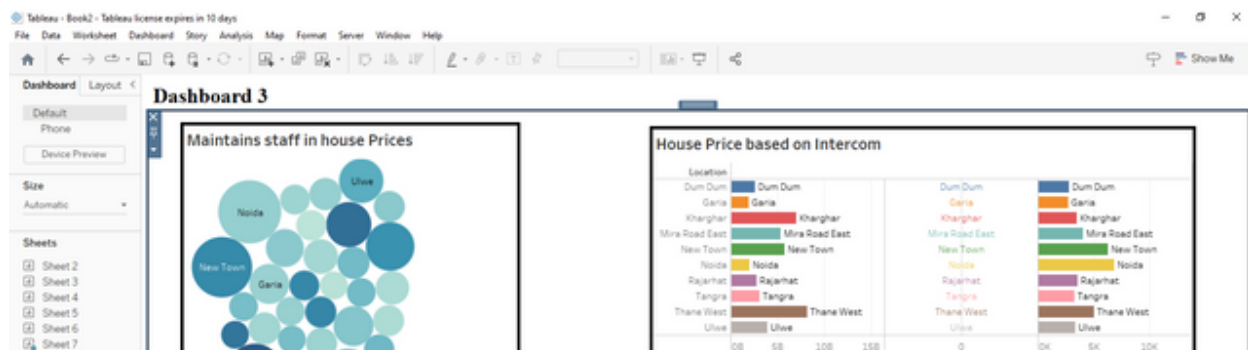


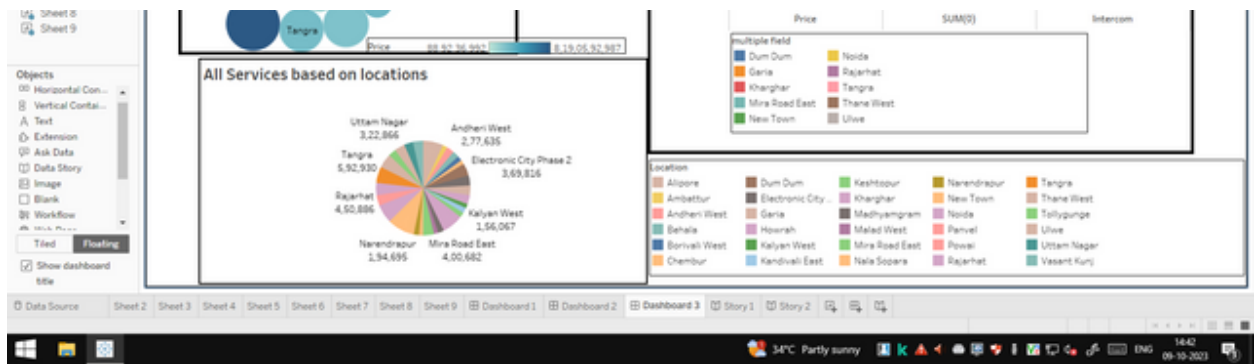
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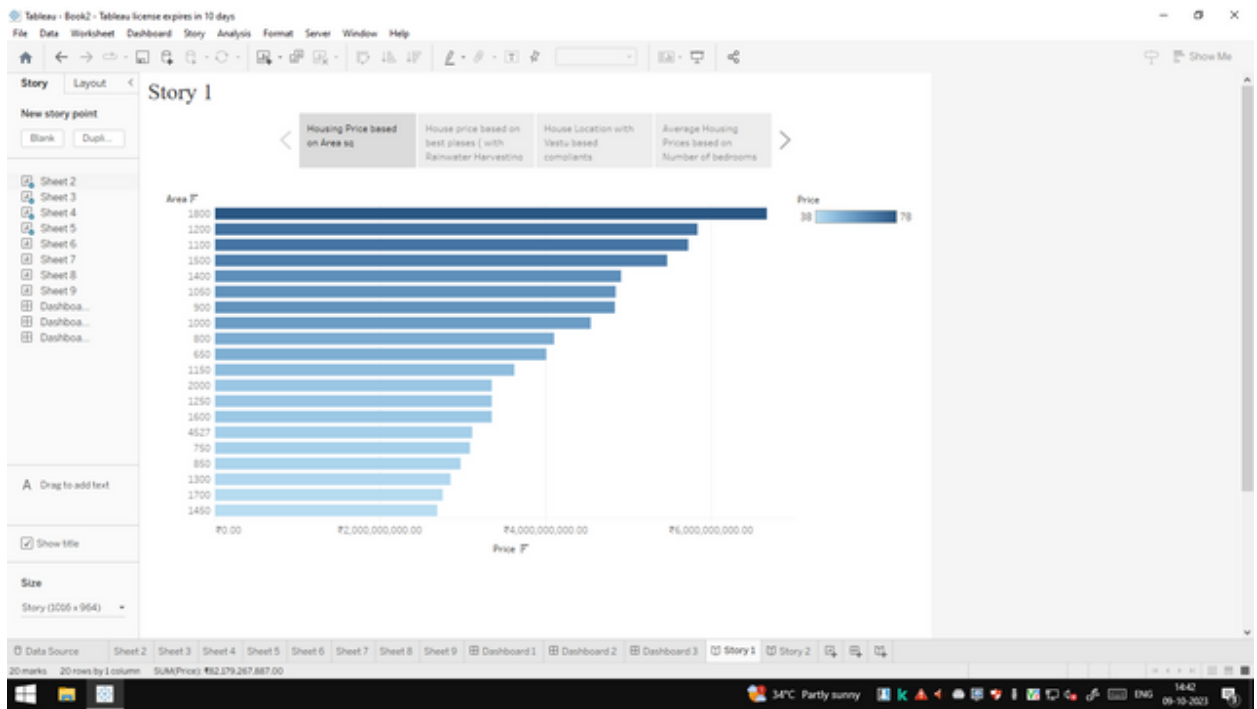


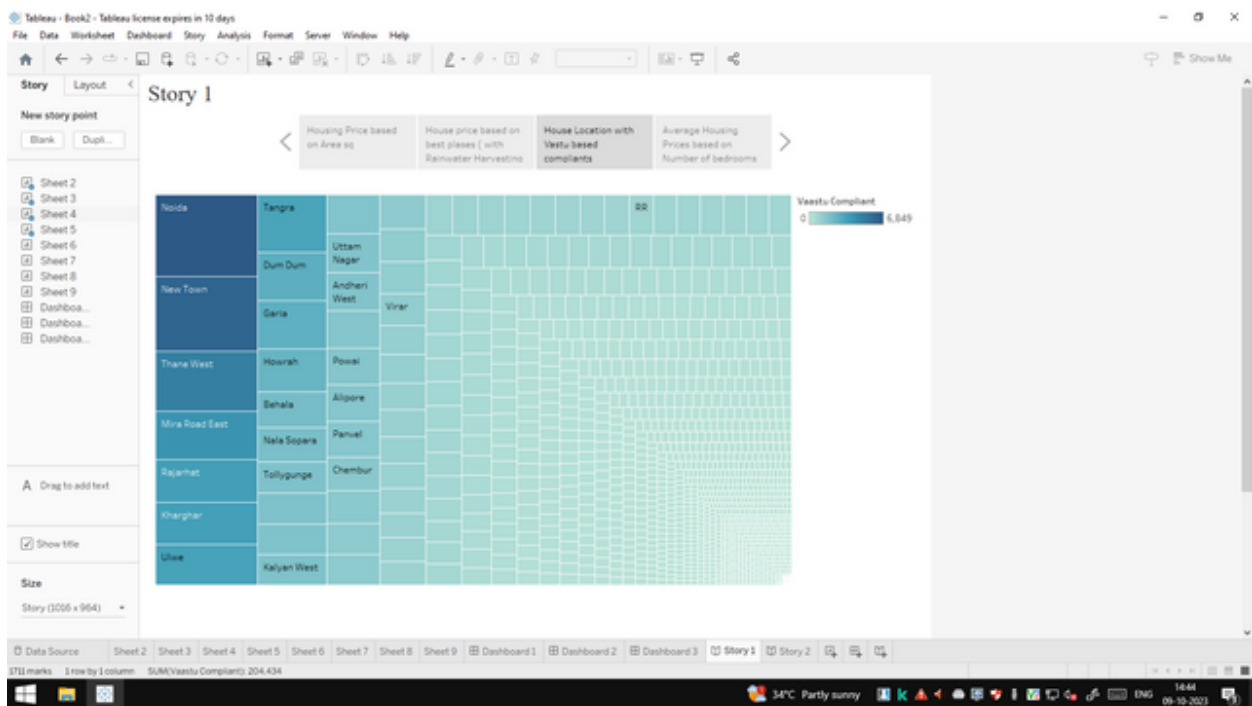
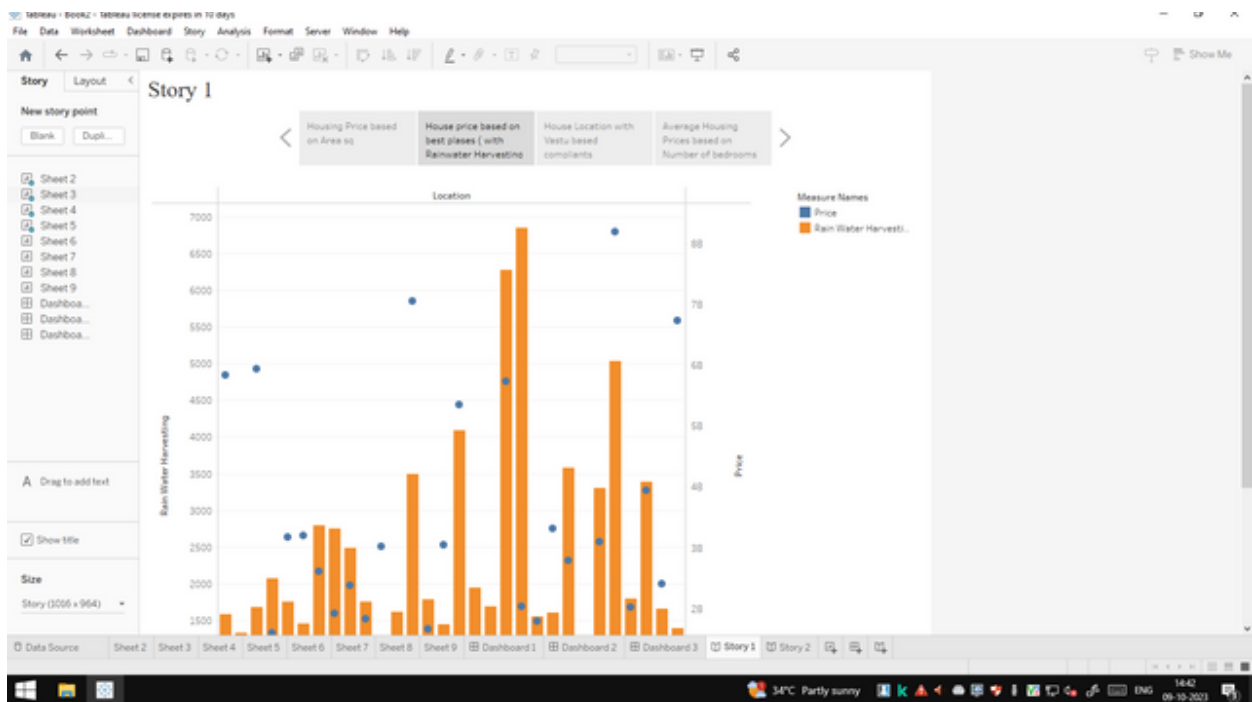
Dashboard 3:

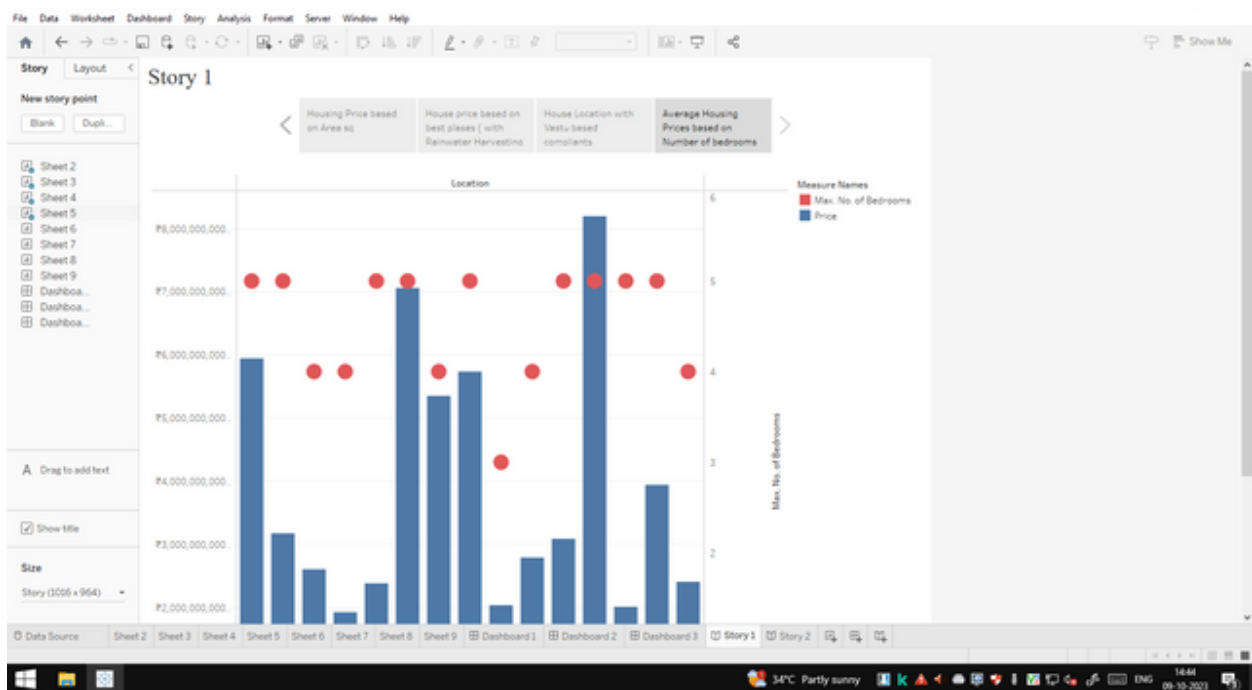




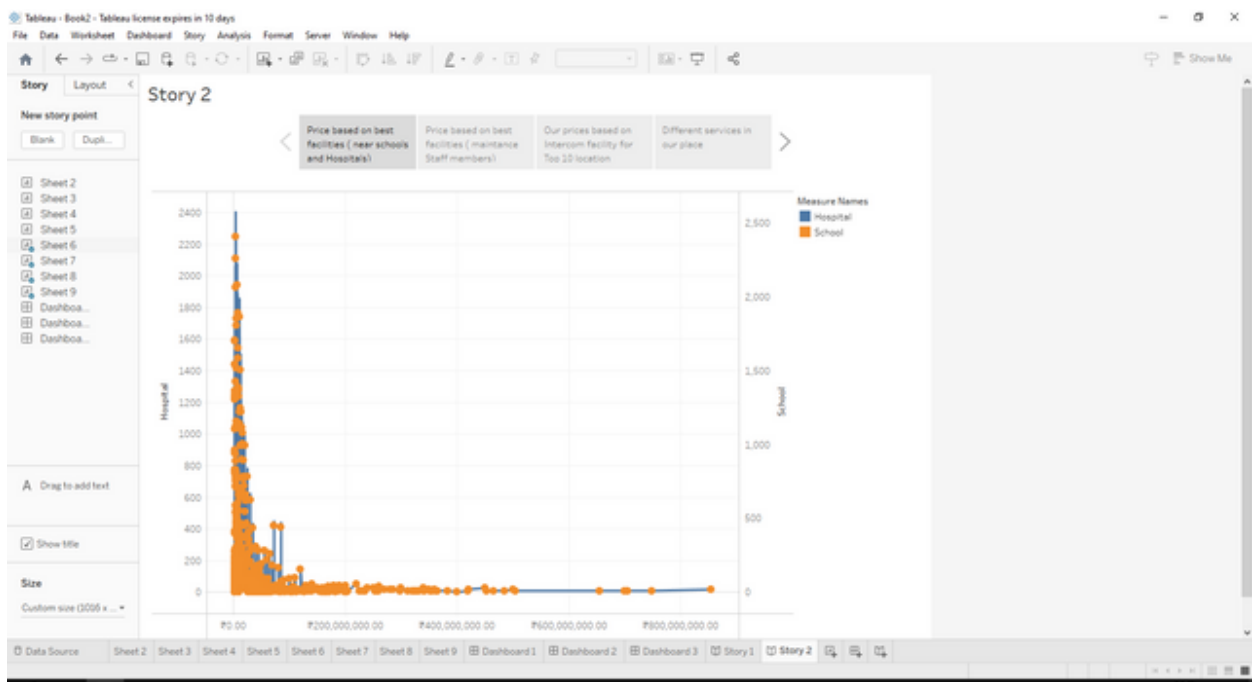
Story 1:

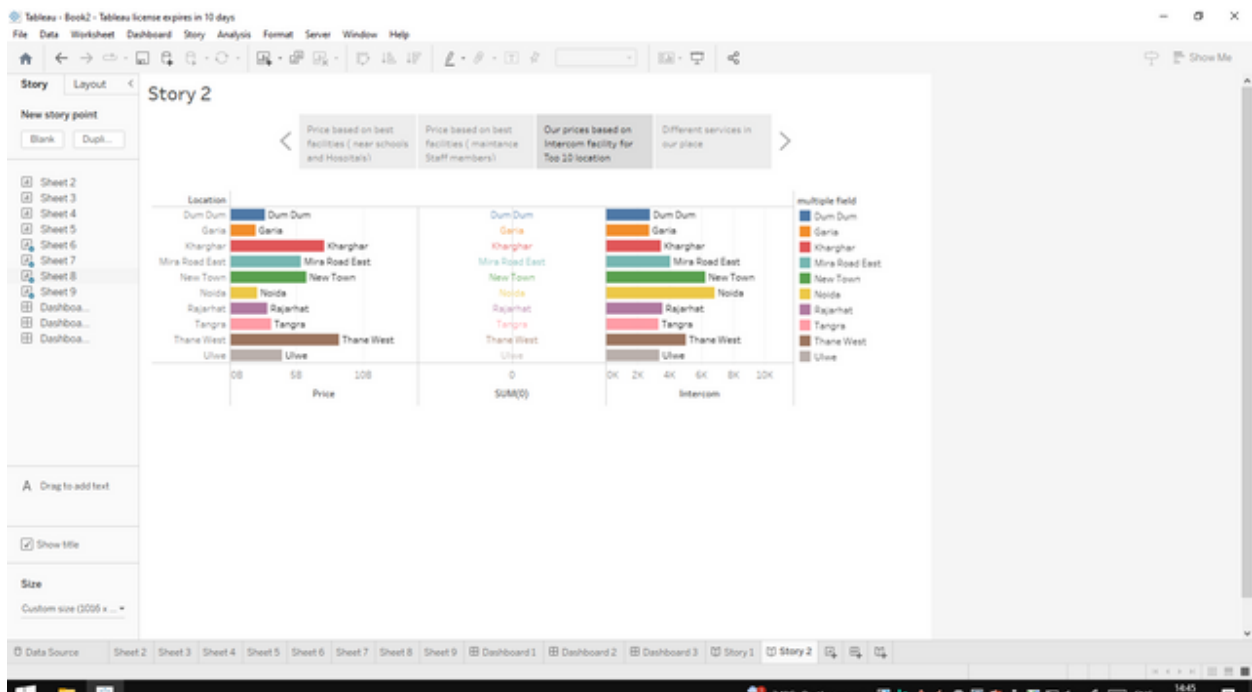
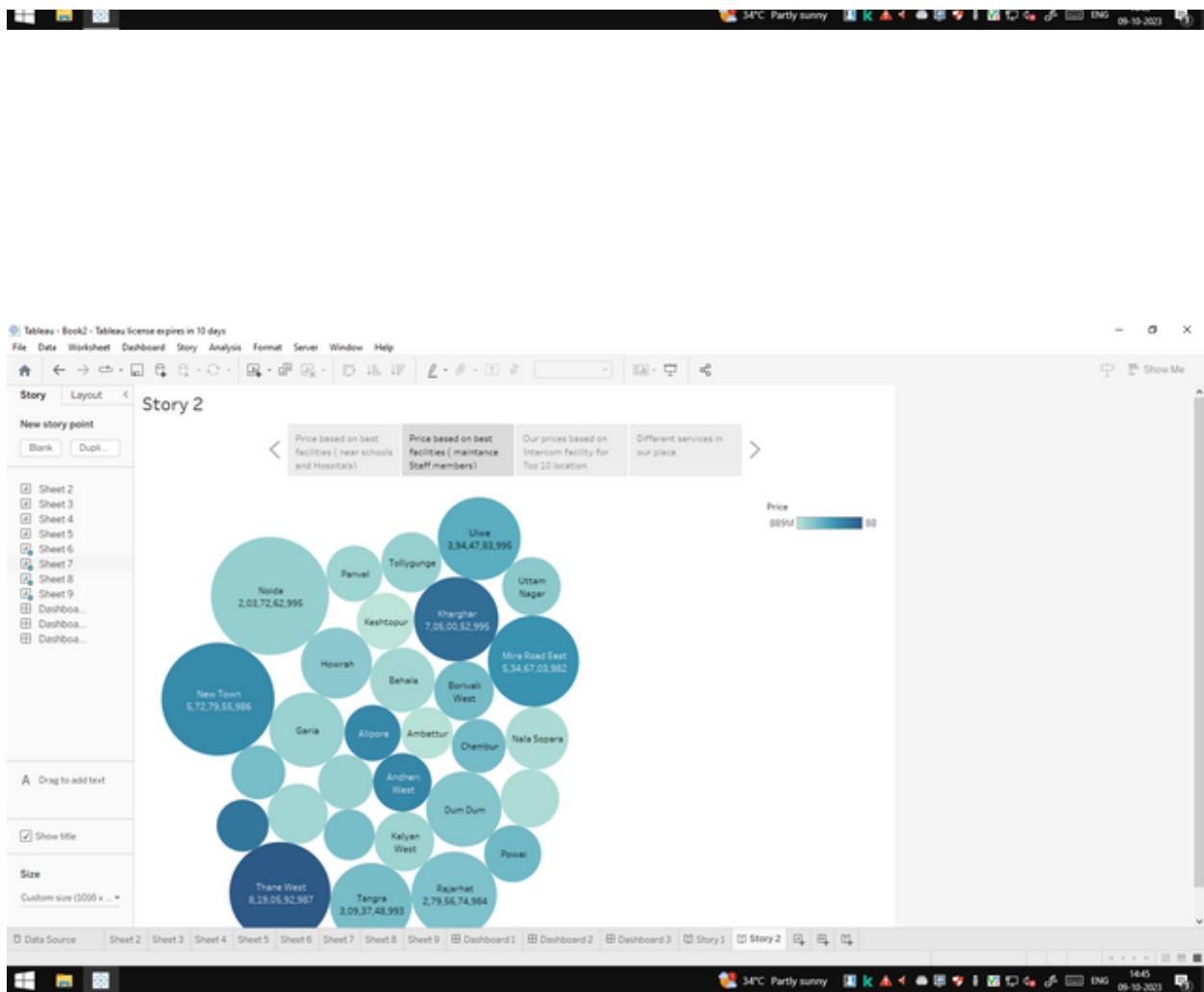


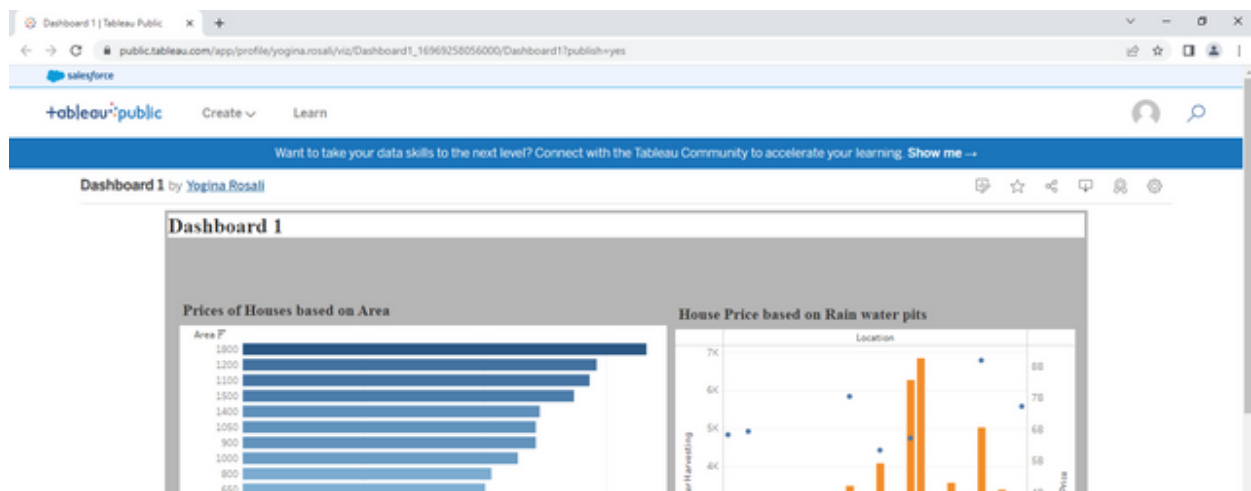
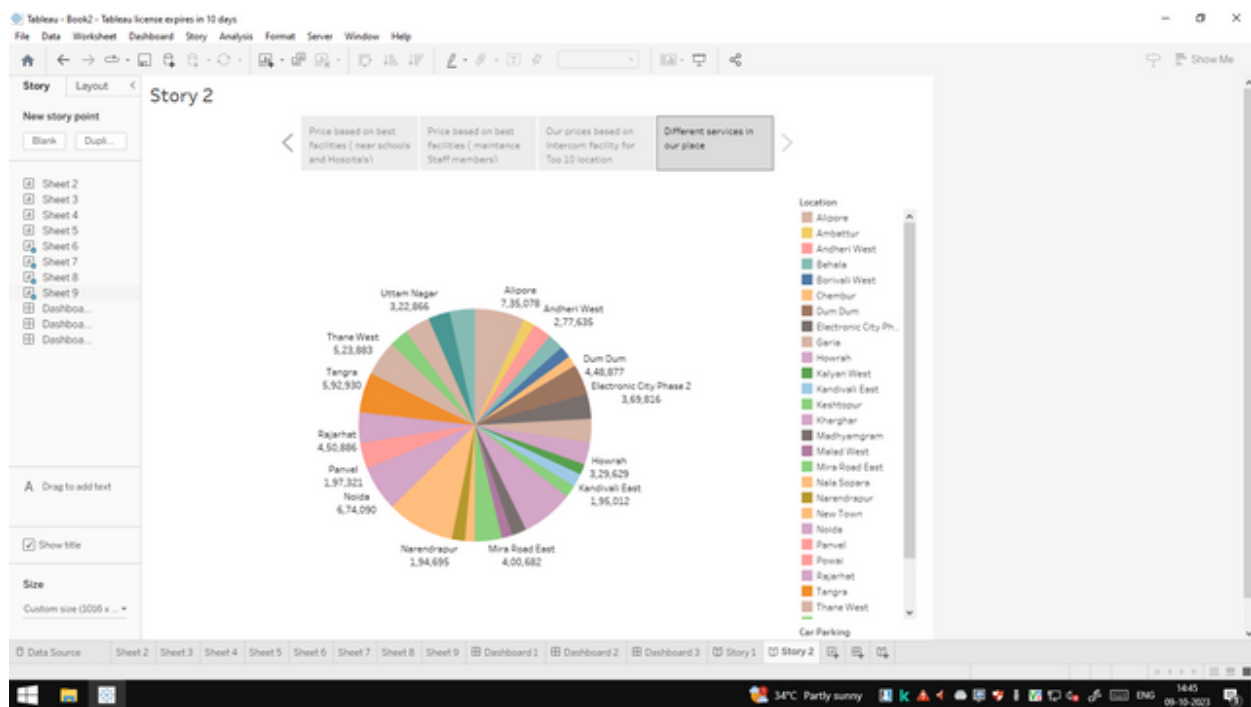


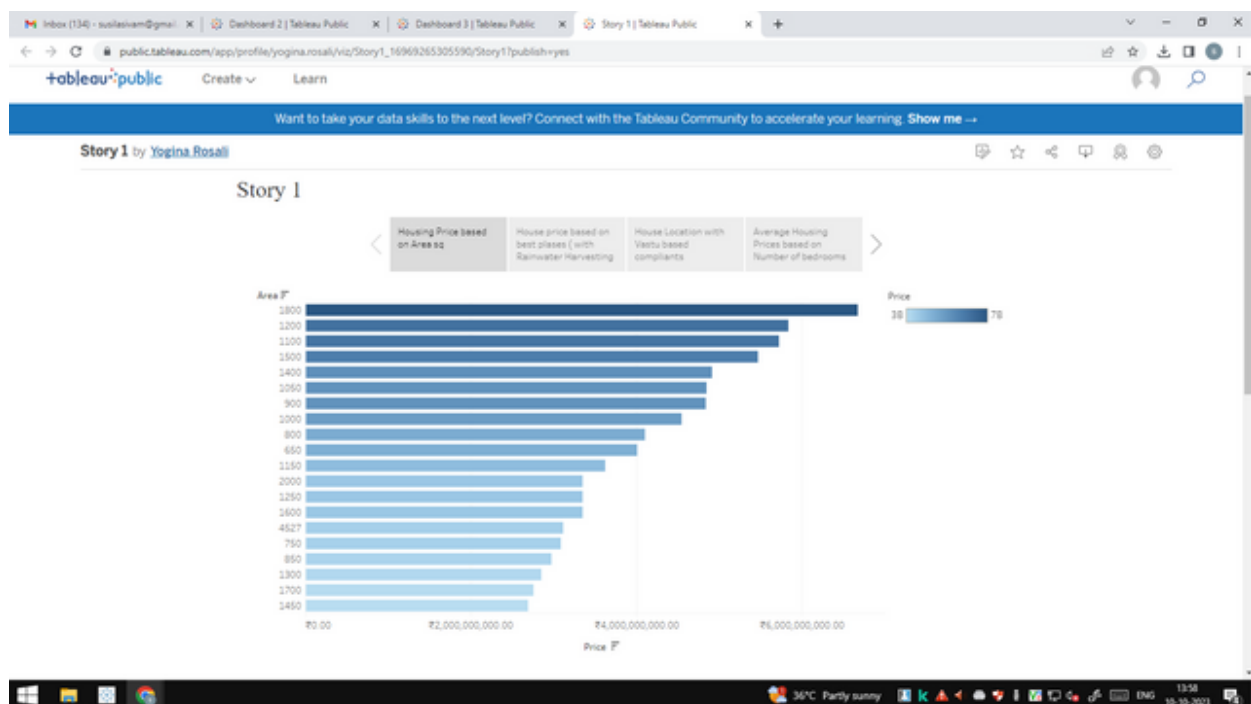


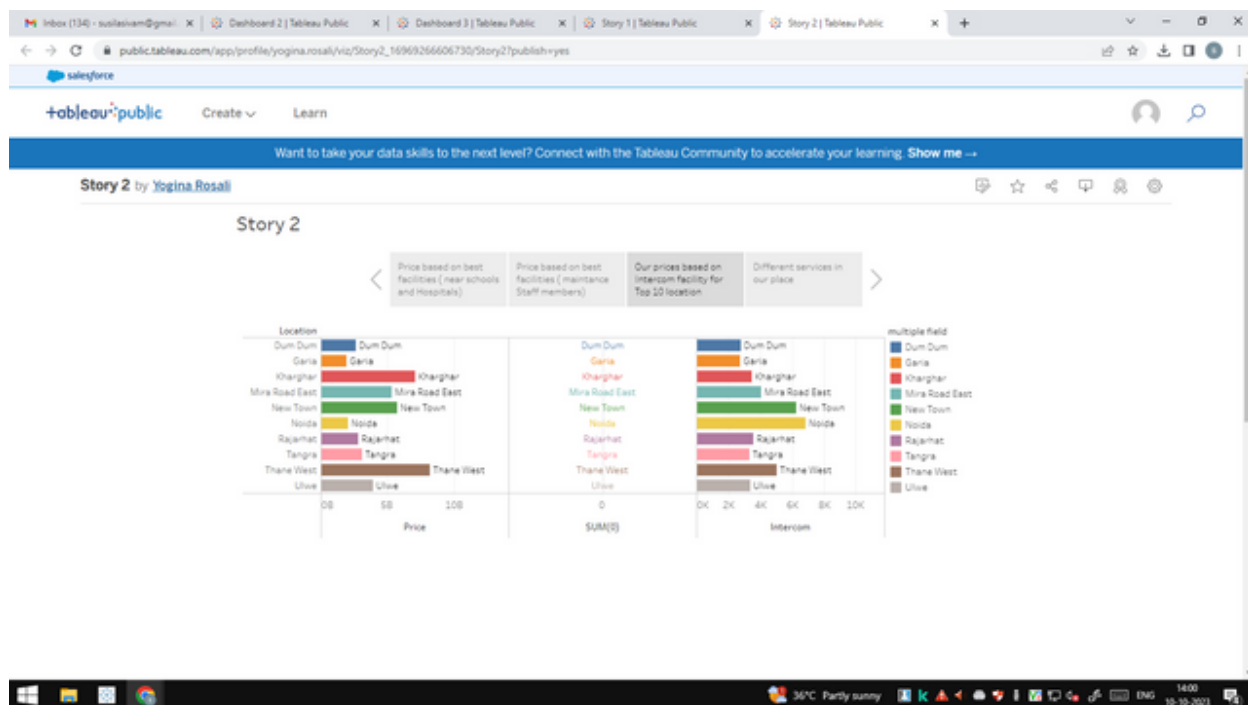
Story 2:











4. Advantages:

- Market Transparency:

- Regular analysis of housing prices promotes transparency in the real estate market, reducing the likelihood of fraudulent practices.
- Economic Growth:
 - A stable and thriving real estate market can stimulate economic growth market can stimulate economic growth, creating jobs and driving investments in related industries.
- Quality of Life:
 - Access to suitable housing enhances the overall quality of life for residents, contributing to their well being and satisfaction.

Disadvantages:

- Inequality:
- Housing price disparities can exacerbate wealth and income inequality, creating social and economic challenges.
- Exclusionary Effects:
- Rapid price increases can lead to gentrification, pushing out lower income residents from desirable neighborhoods.
- Environmental Impact:

1. **Conclusion:**

In conclusion, the analysis of housing prices in metropolitan areas serves as a multifunctional tool with wide ranging applications. It plays a pivot role in shaping urban landscapes, economic development, and individual choices, while also serving as a critical resource for policymakers and researchers. Recognizing the advantages and challenges associated with housing price analysis allows for more informed and responsible decision making in the complex world of real estate and urban development. The examination of housing prices serves as a vital tool for understanding the dynamics of the real estate market and its broader impact on society and the economy.

1. **Future scope:**

In the future, several enhancements and improvements can be made in the effective. Some potential enhancements include, Advanced Data Sources, Machine Learning and AI, Real Time Data, Predictive Analytics, Visualization Tools, Integration with Other Data, Affordability Metrics, Mobile Apps. These enhancement can help make housing price analysis more accurate, relevant, and beneficial for a broader range of stakeholders, ultimately contributing to more informed decision making, equitable urban development and sustainable housing solutions in metropolitan area.

