

FUNDAMENTALS OF DATA ANALYTICS WITH TABLEAU

PROJECT TITLE: ANALYSING HOUSINGPRICES METROPOLITAN AREAS OF INDIA

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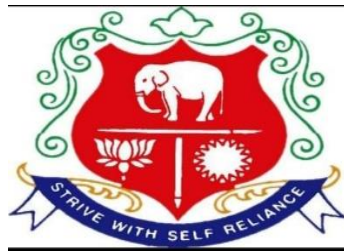
TEAM MEMBERS:

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ANALYSING HOUSING PRICES IN METROPOLITAN AREAS OF INDIA

Introduction :

Housing forms one of the core needs of humanbeing. it also constitutes an important from of asset for house-owning households . This notion of housing as a wealth stock for households binds this sectors intricately with economics activity. Changes in house prices are believed to influence the spending behaviour of households through the wealth effect . in addition ,the housing sector remains inter-linked with other sectors of the economy in a significant way.

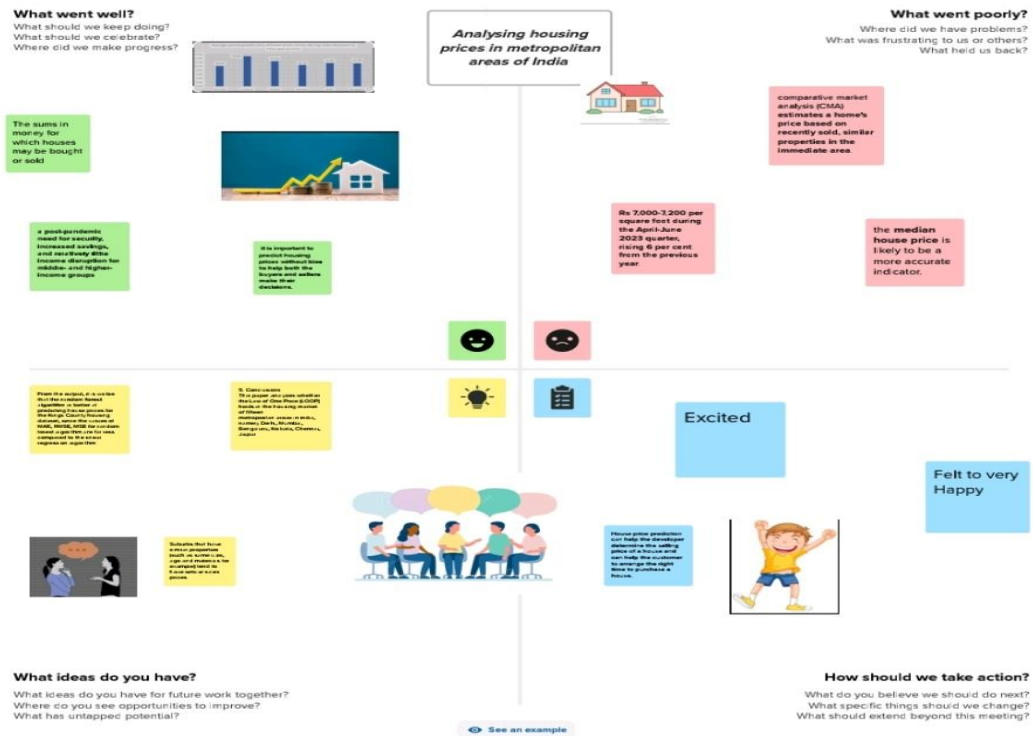
Uses:

It helps people who plan to buy a house so they can know the price range in future.

PROBLEM DEFINITION AND DESIGN THINKING :

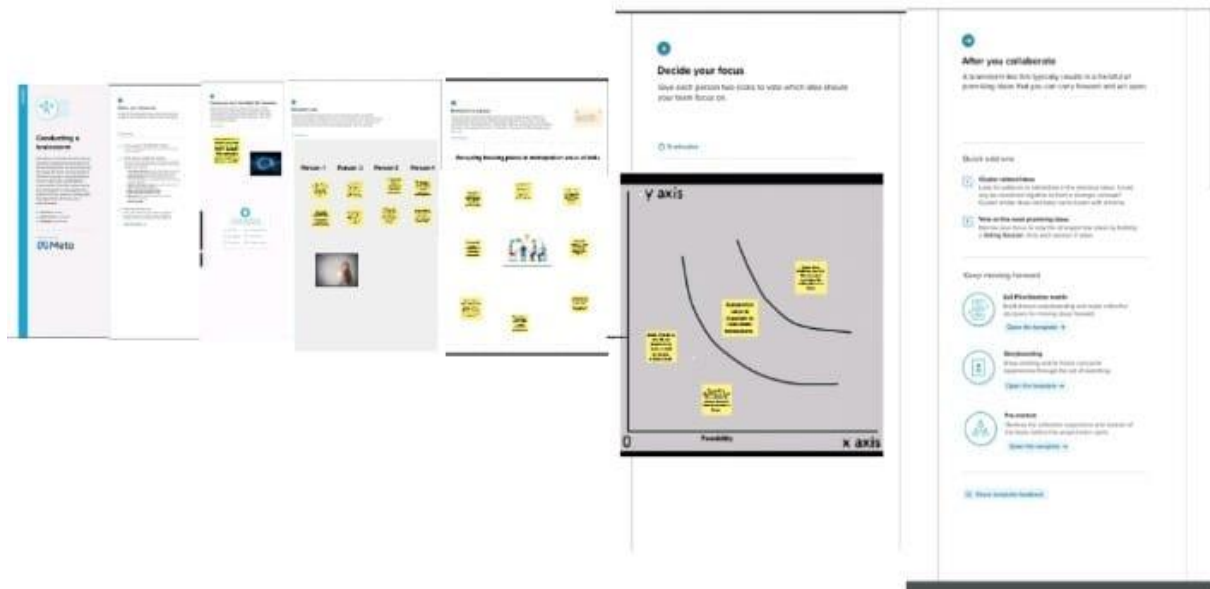
EMPATHY MAP :

First we make a empathy map for a group idea.to create a empathy map from mural website and logic with email account and search the template that you wanted to create.



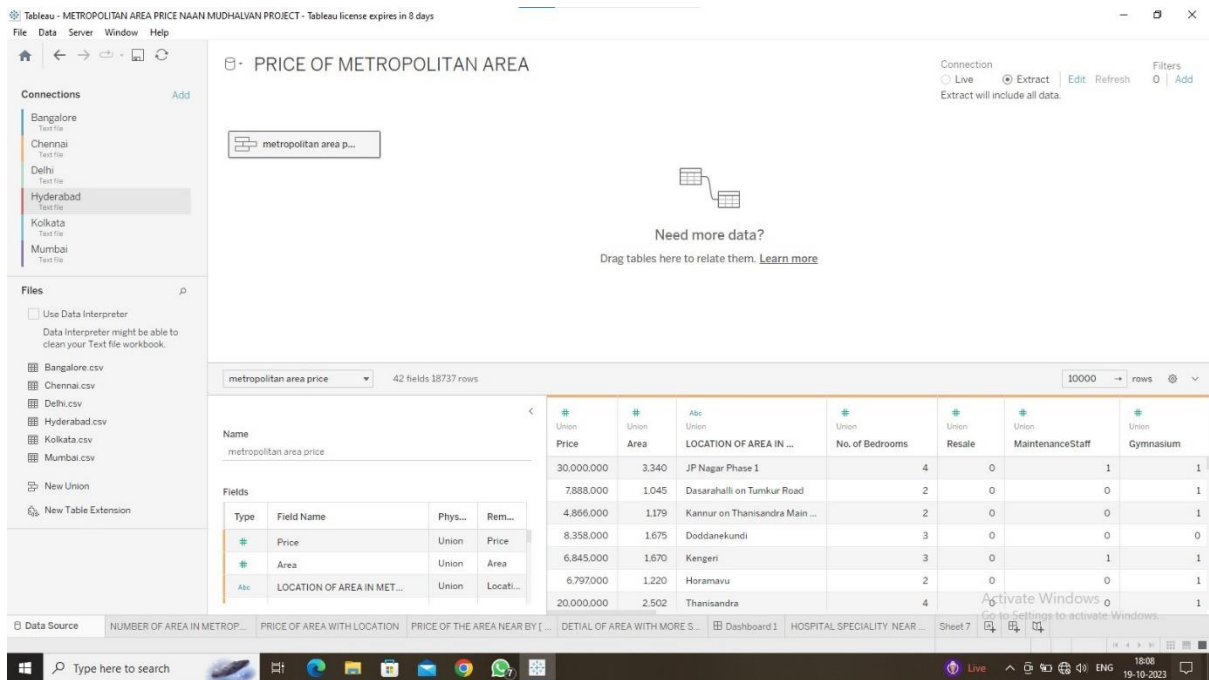
BRAINSTORM MAP :

Then make brainstrom map with mural website . I brainstrom map with mural website. I brainstrom we discussed the define problem . First we have identified what are the problems and types in the question box. Then it is a group ideas and write write in the box as person 1, person 2, and person 3, person 4. Now four persons give idea for the same problem . Take best three ideas and type in last box.

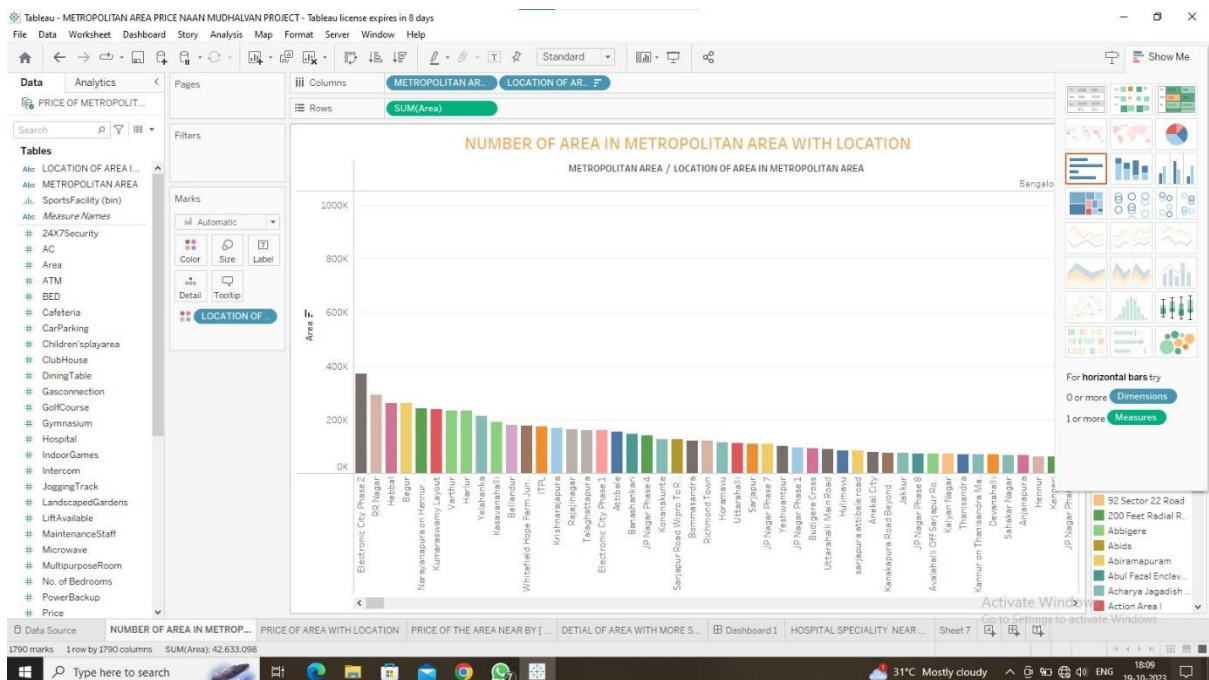


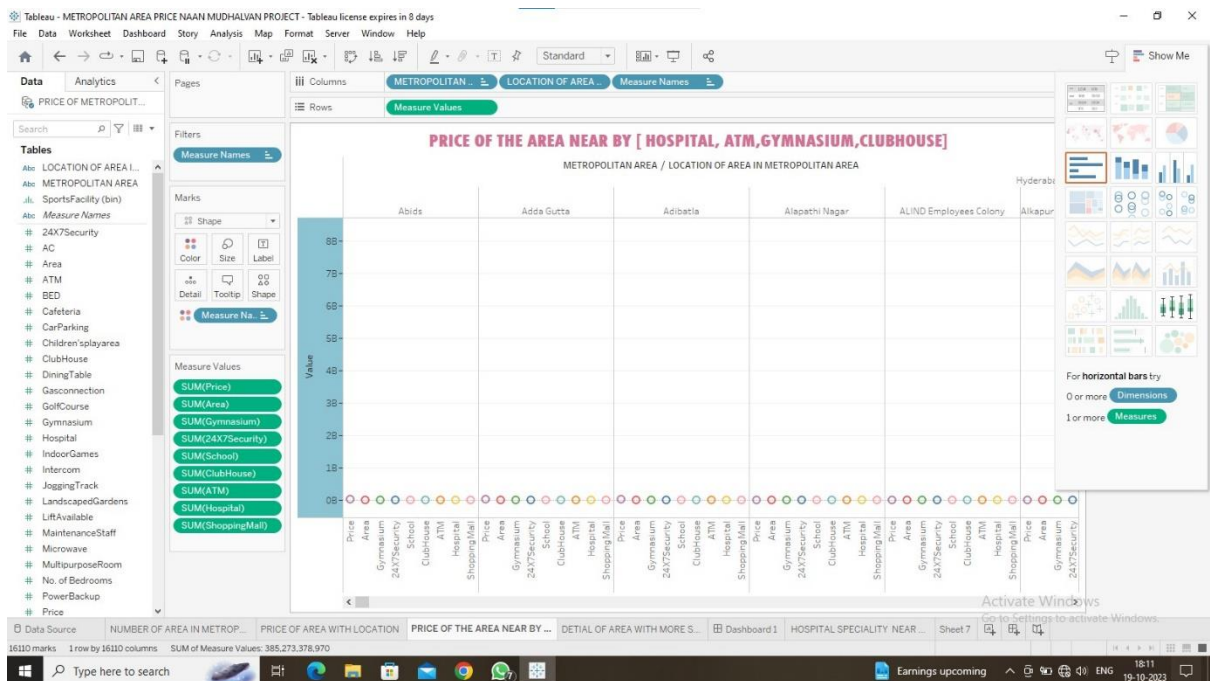
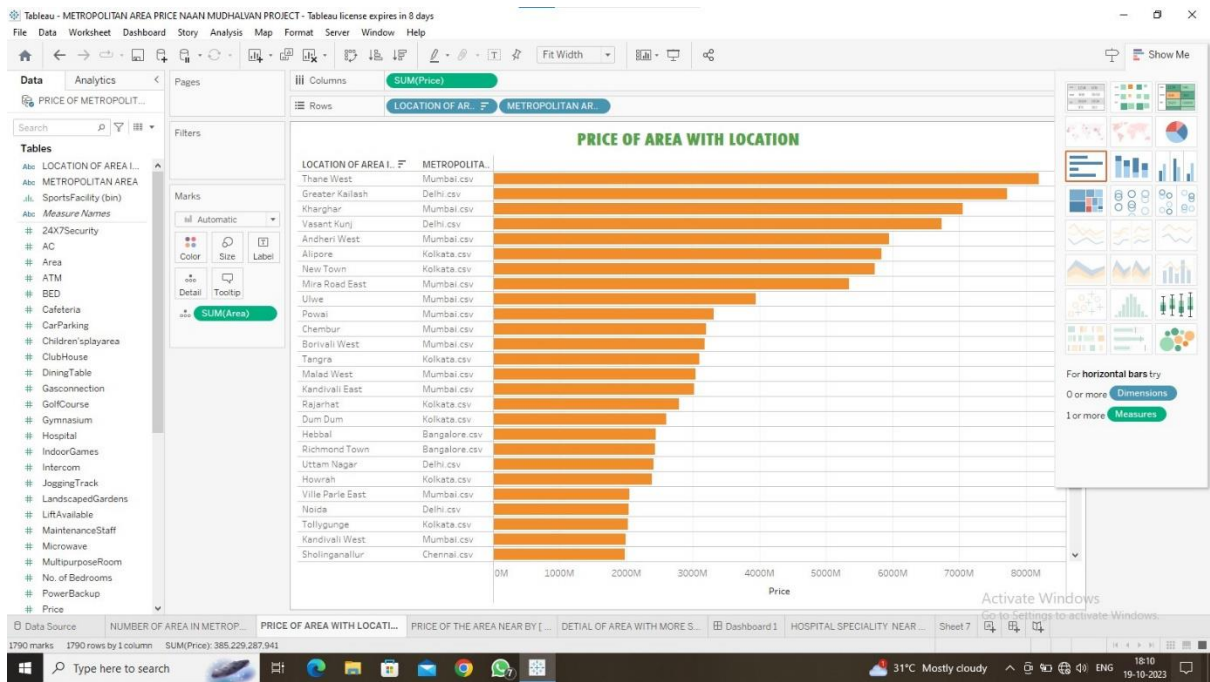
Procedure For Tableau Project :

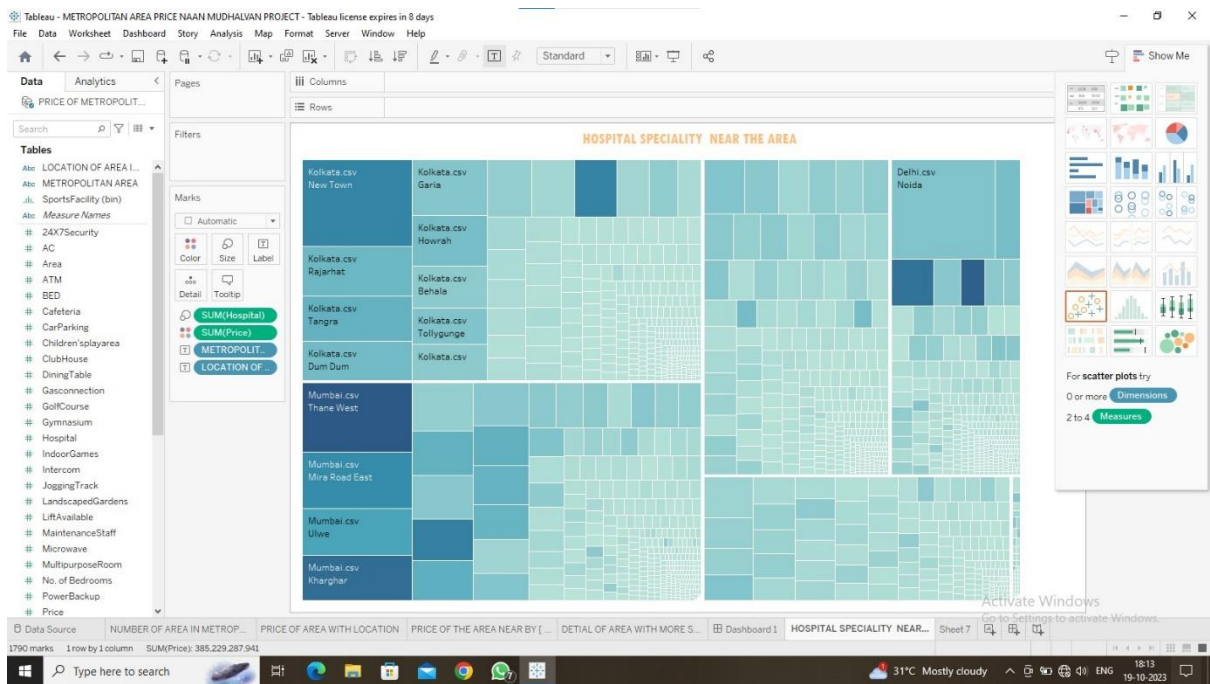
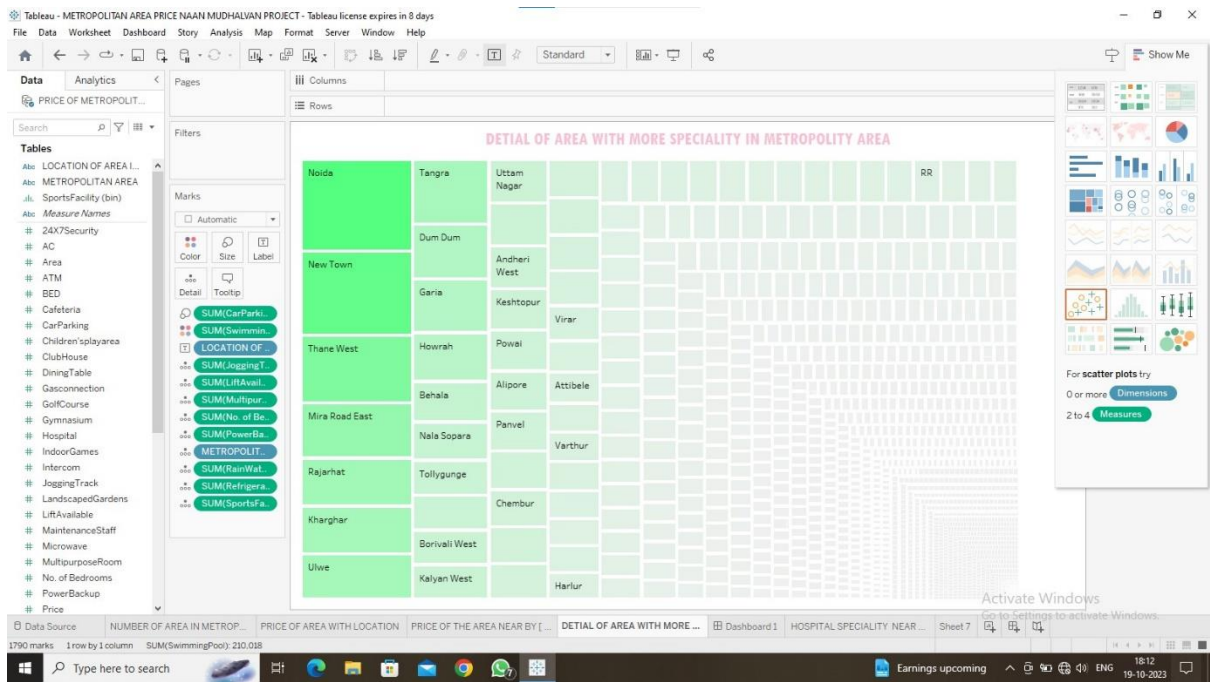
Before opening the tableau desktop we had download the datasheet for your project. after we dowload the dataset we open the tableau desktop .after opening the selection link connected to data, select the “more” option and select the dataset. it open in the data source , now we arranged the data and select the “extract” option for the better performance for you analysis. we have arranged our project in the order house price data is first , metropolite area as second, house price importance are joined together with house price. now we have switched to extract mode and we have created .after we saved the house price data .

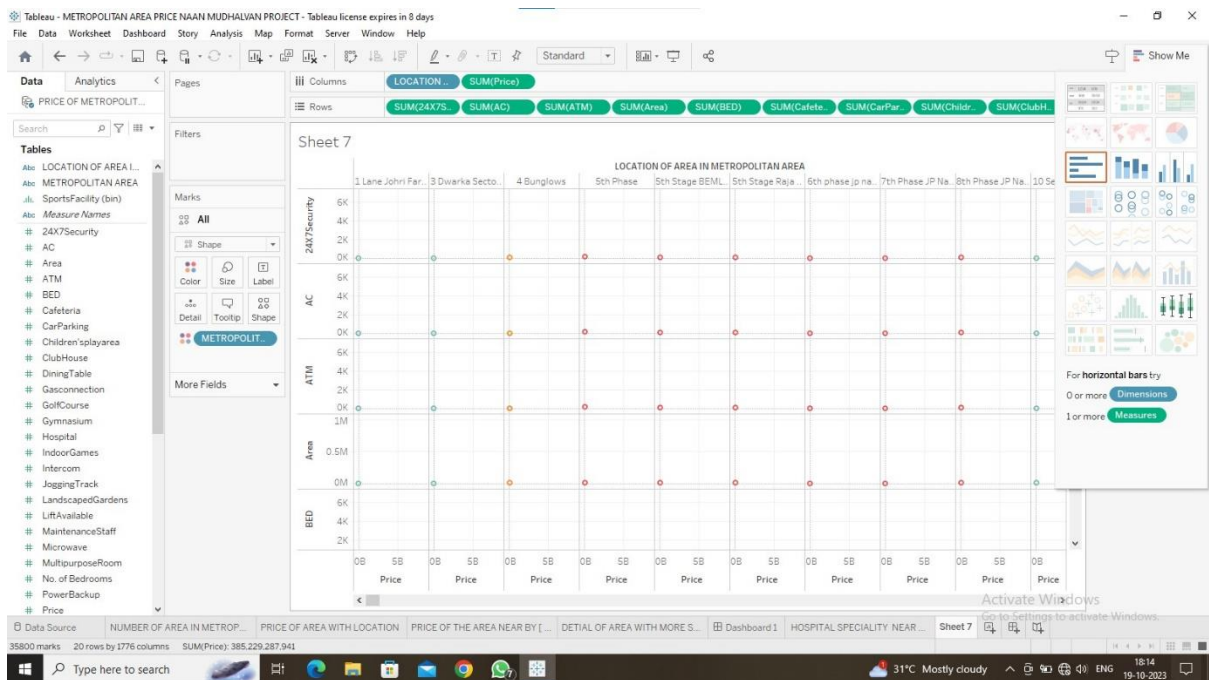


We have made 7 analysis sheets . The first sheet we made is a location of areas in india. the second location high amplitude hose price. Detail total no of houses and prices etc. then next the bar graph shows latitude and longitude.

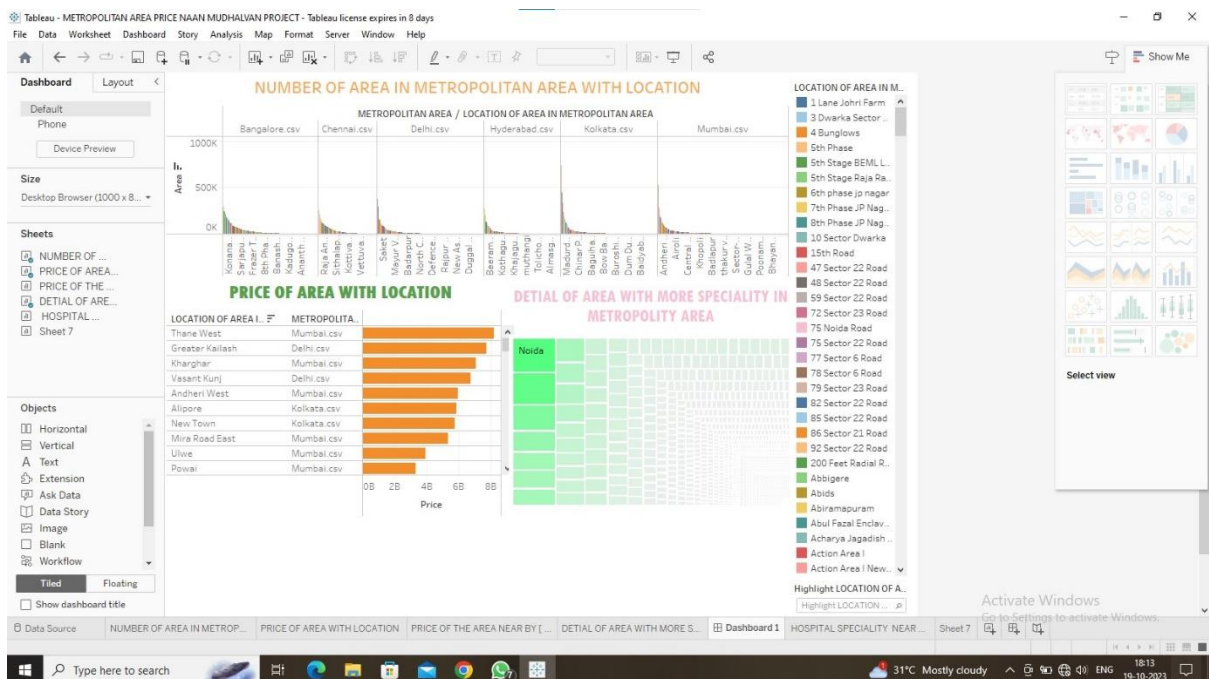




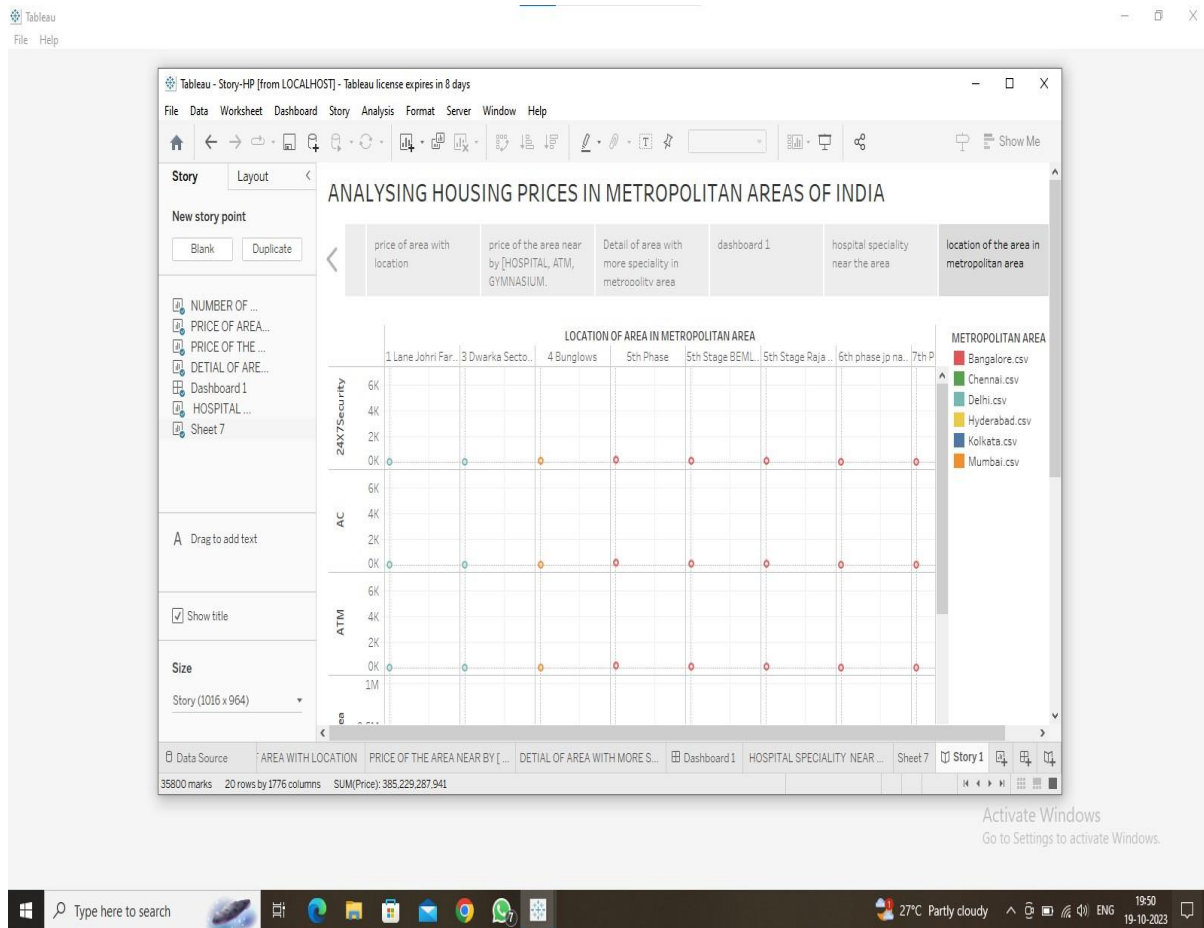




result:



WE CREATE A STORY IN THE TABLEAU DESKTOP :



ADVANTAGES :

- * 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.

DISADVANTAGES :

- * It does not 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.

FUTURE SCOPE:

- *In india real estate market is expected to exhibit a growth rate [cagr] of 9.2% during 2023-2028. Real estate refers to property that consists Of land and improments,such as buildings,roads,structures.

CONCLUSION :

House prices in the 15 metropolitan cities do not converge to the loop. This implies that the housing market in the different areas operate as segmented independent local markets.