# ANALYSING HOUSING PRICES IN METROPOLITAN AREAS OF INDIA

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# **INTRODUCTION:**

development believed **Traditional** theories that agriculture, industrialization, urbanization, are significant ingredients of growth, and, ultimately important prerequisites for achieving development. Within the economy itself, the status of growth of a state can be judged through its performance in agricultural and industrial production, performance of service sector and urbanization, and their impact through their contribution in income and employment generation at the national level. Thus, house price behaviour may also reflect some short of developmental status of the households of a country. Hence, this paper focuses upon residential property prices in metropolitan cities in India, more specifically, on the study of fifteen metropolitan cities located at different parts of the country consisting Delhi, Mumbai, Bengaluru, Kolkata, Chennai, Jaipur, Lucknow, Hyderabad, Pune, Surat, Ahmedabad, Patna, Faridabad, Kochi and Bhopal. Due to their locations, the cities are having regional characteristics. Against this background, the basic question that arises is whether these fifteen metropolitan cities act as a single market or they work separately as segmented independent metropolitan housing markets within the country.

# **PROBLEM SOLVING:**

**EMPATHY MAP** 



### Says

The Times of Bedia (2012) report indicates that housing price in Bedia witnessed the teapest rise is the world in the last 10 years since 2001.

Initia is inexpensive because of its value for savey accounted dation options, transportation,

service and food as well as its weak monetary

What have we heard them say?

"House prées in India have increased by 284% in real ternes, after allowing for inflation — equivalent to an average annual rise of 14%.

Regarding rea lestate, the number o properties available for sale (the supply) compared to the number of people looking to hoy (the demand) will help dictate pricing. If there are more bayers than selars, prices than bayers, prices will fall.

Thinks

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



Regroving housing demand and orease in building waterial cost are some of price rise, according to analysts.

Analysts however warned that higher interest rates could weigh on affords hilty, especially for first-time buyers.

The KM releases quarterly IFFI based on transaction-level data received from the registration authorities is ten major cities. The cities are Ahmeda had Bengaluru, Chennal, Pebi, Jaipur, Kampur, Kachi, Kalicata, Lucknow, and Mandail.

On a quarterly basil, house prices increase dightly by 0.85% & Q1 2025. Fangalore witnessed the higgest y-o-y price increase of during the year to QI 2025, followed by Kochi G\$46<0 and Relief 06.65<01.

Analysing Housing Price In Metropolitan Areas Of India

As per the report, housing prices in Absentabad rose 10 per cent Y-o-Y to ? 6,507 per square feet during April-Jane period.

Housing prices in Hyderahad 77,515 per square feet. property price in India are expect to increase 75% on a pan-India basis this area, the fastest growth in five years according to a Resters pall of property availysts.

Average house price were forecast to rise 6% most year and in 2024. The pall of 15 property analysts were held during May 11-27.

where housing and real estate are considered as water sources of physical and financial asset. This also leads to the differences in the dynamics of house price determination

I simply means that there might be shift of house pries in cities from average, in the country, depending upon its economic status

se price behaviour may also reflect some short of developmental status of the households of a country.

In a free warket, the forces of dewand and supply determine the prices. The Government does vot interfare is the determination of the prices. Nowever jin some cases, the Government way intervene in determining the prices. For ecomple, the Government has fixed the minimum milling price for the wheat.



### Does

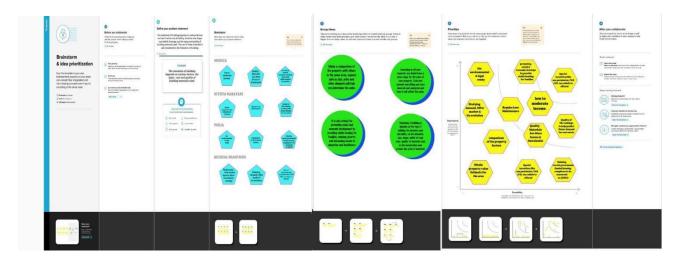
What behavior have we observed? What can we imagine them doing?

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



See an example

### **BRAINSTORMING MAP**

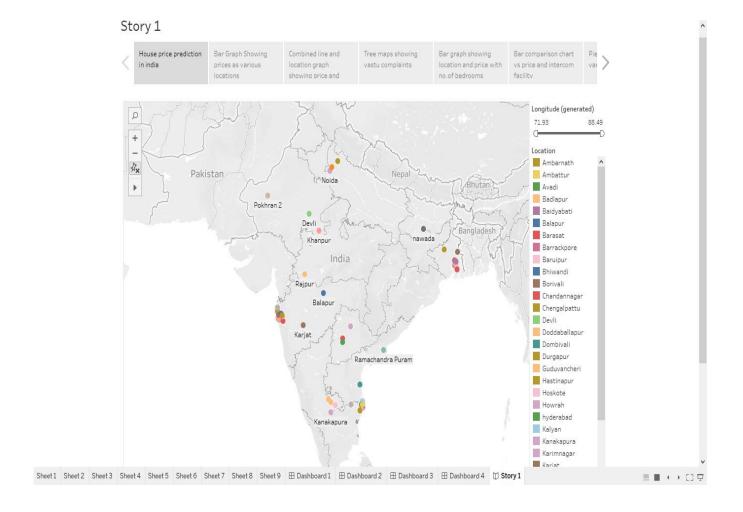


# **DATA VISUALIZATION:**

Data visualization is the art of providing insights with the aid of some type of visual representation, such as charts, graphs, or more complex forms of visualizations like dashboards.

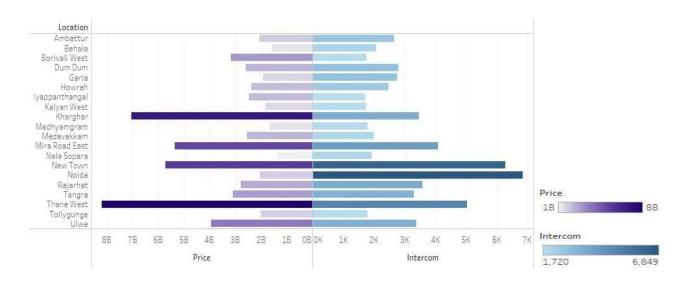
### **MAP DATA VISUALISATION:**

Point maps are straightforward, especially for displaying data with a wide distribution of geographic information. Then you can use the point map for precise and fast positioning.



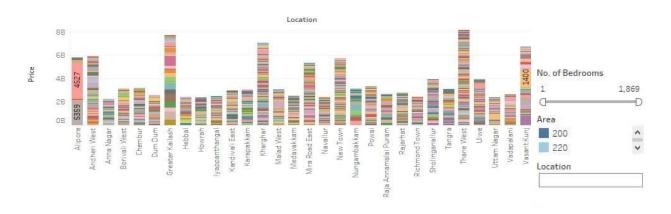
### **BAR COMPARSION CHART:**

In this bar chart, we can understand the housing prices and we can analyse the intercom facility in india.



Price and intercom facility

This another type of bar chart were we can analyse location and price with no of bedrooms in india.



Location and price with no of bedrooms

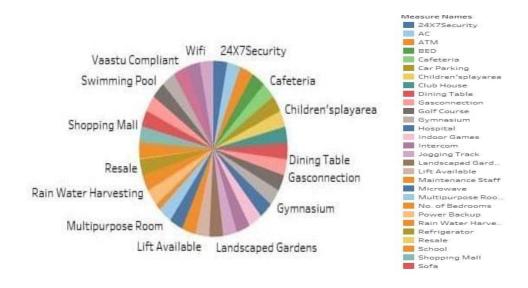
we used a bar graph to visualize the prices as various locations.



Prices as various locations

### PIE CHART:

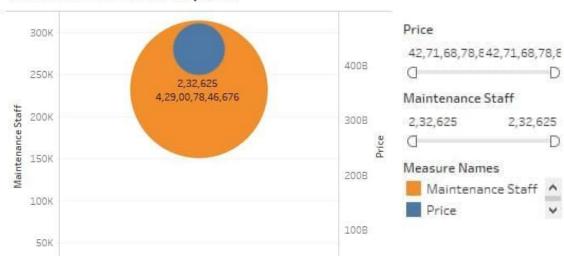
From this pie chart, we have understand the important of facility such as AC, ATM, bed, cafeteria, etc,...



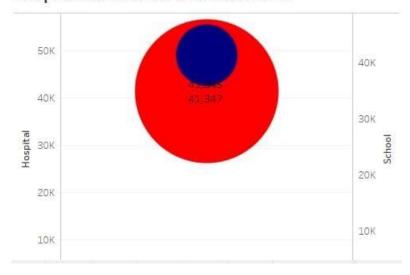
**Various Facility** 

This is another type of pie chart but it looks like the donut chart.it is used to visualize the maintains staff in houses prices and hospitals and schools near the houses.





### Hospitals and Schools near the houses



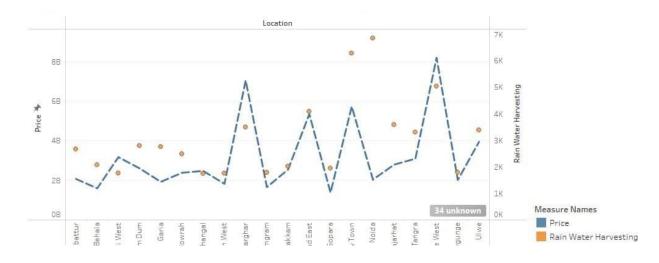
### TREE MAPS:

# Tree maps is uesd to analyse the vastu complaints.



Vastu complaints

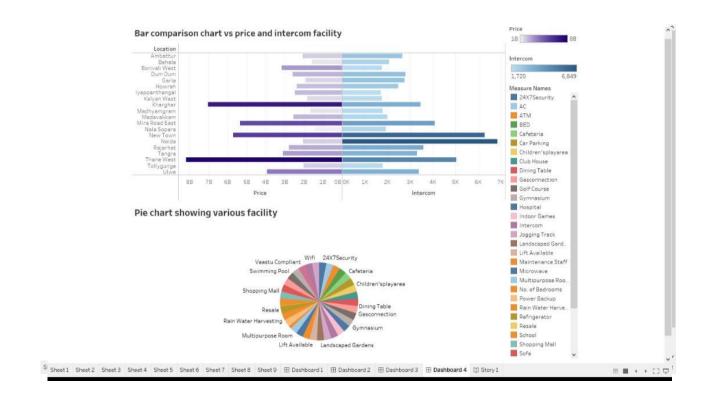
## **COMBINED LINE AND LOCATION GRAPH:**



Prices and water harvesting

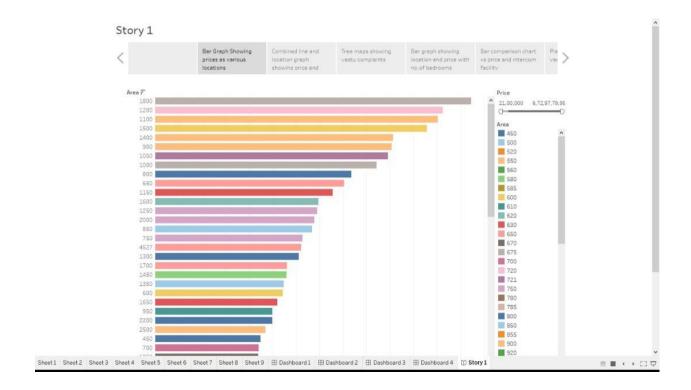
This graph is to visualize the price and water harvesting locations.

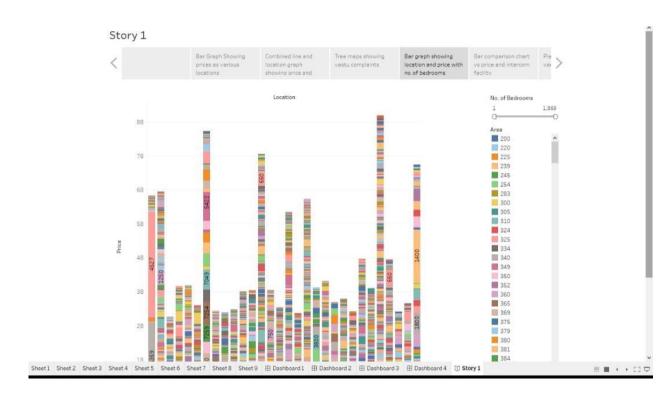
### **DASHBOARD:**



# **STORY:**

**ANALYSING HOUSING PRICES IN DIFFERENT GRAPH:** 





# **CONCLUSION**

The house prices in the metropolitan areas of India have been on the rise due to various factors. This has made it challenging for individuals and families to afford housing in these areas. It is crucial for potential buyers and investors to carefully analyze the market trends, consider their financial capabilities, and explore various options to make informed decisions about purchasing property in the metropolitan areas of India.