

Analysing Housing Prices In Metropolitan Areas Of India

1. INTRODUCTION:

- ↔ 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.

1.1. OVERVIEW:

- ↔ The model's scalability, real-time updates, user-friendly interface, and transparency ensure it meets the needs of stakeholders.
- ↔ Integration capability, data privacy, and cost-effectiveness are also important considerations.

1.2. PURPOSE:

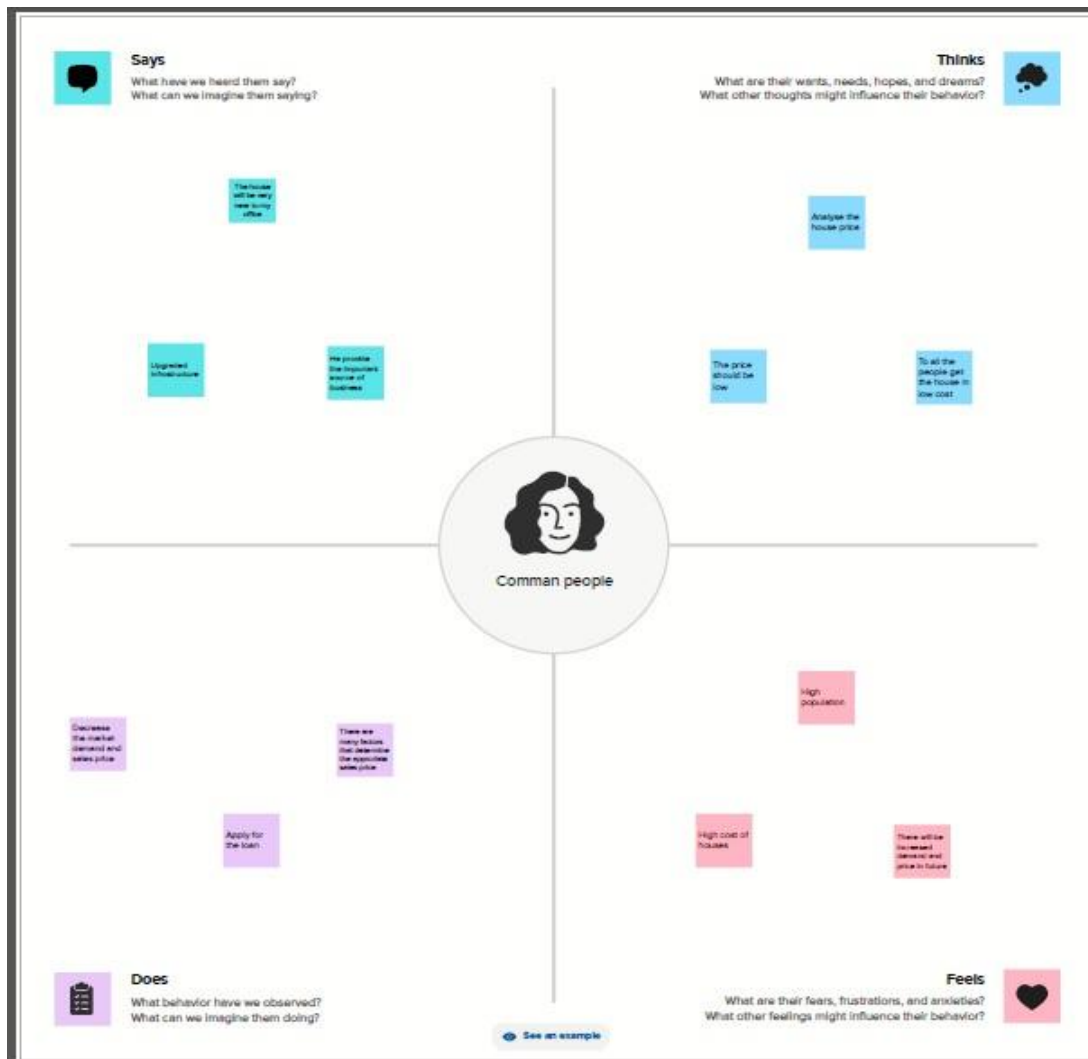
By addressing these requirements, the prediction model provides reliable insights, empowering stakeholders to make informed decisions in the fast-paced real estate market.

2. PROBLEMS DEFING & DESIGN THINKING:

- ↔ Analyzing house prices in a metropolitan area using Tableau can provide valuable insights for various stakeholders, including real estate agents, property developers, investors, and homebuyers.

↔ Understand the overall market trends and patterns in the metropolitan area.

3. EMPATHY MAP:



Template

Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

10 minutes to prepare
1 hour to collaborate
2-8 people recommended

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

- Team gathering**
Define who should participate in the session and send an invite. Share relevant information or prework ahead.
- Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools**
Use the facilitation Superpowers to run a happy and productive session.

Open article

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

5 minutes

How to use
This common set of problem statements covers several levels in different parts of the organization. Assign the facilitation and hold officials accountable for their government action on facilitation.

Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

How to use
You can adapt a sticky note and use the group guidelines, starting from the start of the session.

Person 1: I want to see a new way to...
Person 2: I want to see a new way to...
Person 3: I want to see a new way to...
Person 4: I want to see a new way to...
Person 5: I want to see a new way to...
Person 6: I want to see a new way to...
Person 7: I want to see a new way to...
Person 8: I want to see a new way to...

Idea Management

Use this template to manage your ideas. It's a great way to keep track of your ideas and share them with your team.

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Share the result

Share a view link to the board with stakeholders to keep them in the loop about the outcomes of the session.

Export the result

Export a copy of the board as a PNG or PDF to attach to emails, include in slides, or share in your chat.

Keep moving forward

- Strong insights**
Define the components of a new idea or strategy.
Open the template
- Customer experience journey map**
Unpack customer needs, motivations, and obstacles for an experience.
Open the template
- Strengths, weaknesses, opportunities & threats**
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
Open the template

Share template feedback

Ideation

Clustering your ideas while clustering similar or related notes as you go. Once all is have been grouped, give each cluster a sentence-like label. If a cluster is in six sticky notes, try and see if you can break it up into smaller sub-groups.

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Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

How to use
Participants use our card system to sort and cluster ideas into groups on the grid. The facilitator can write the text on the cards or use the pre-written text on the cards. The facilitator can also use the cards to write the text on the cards.

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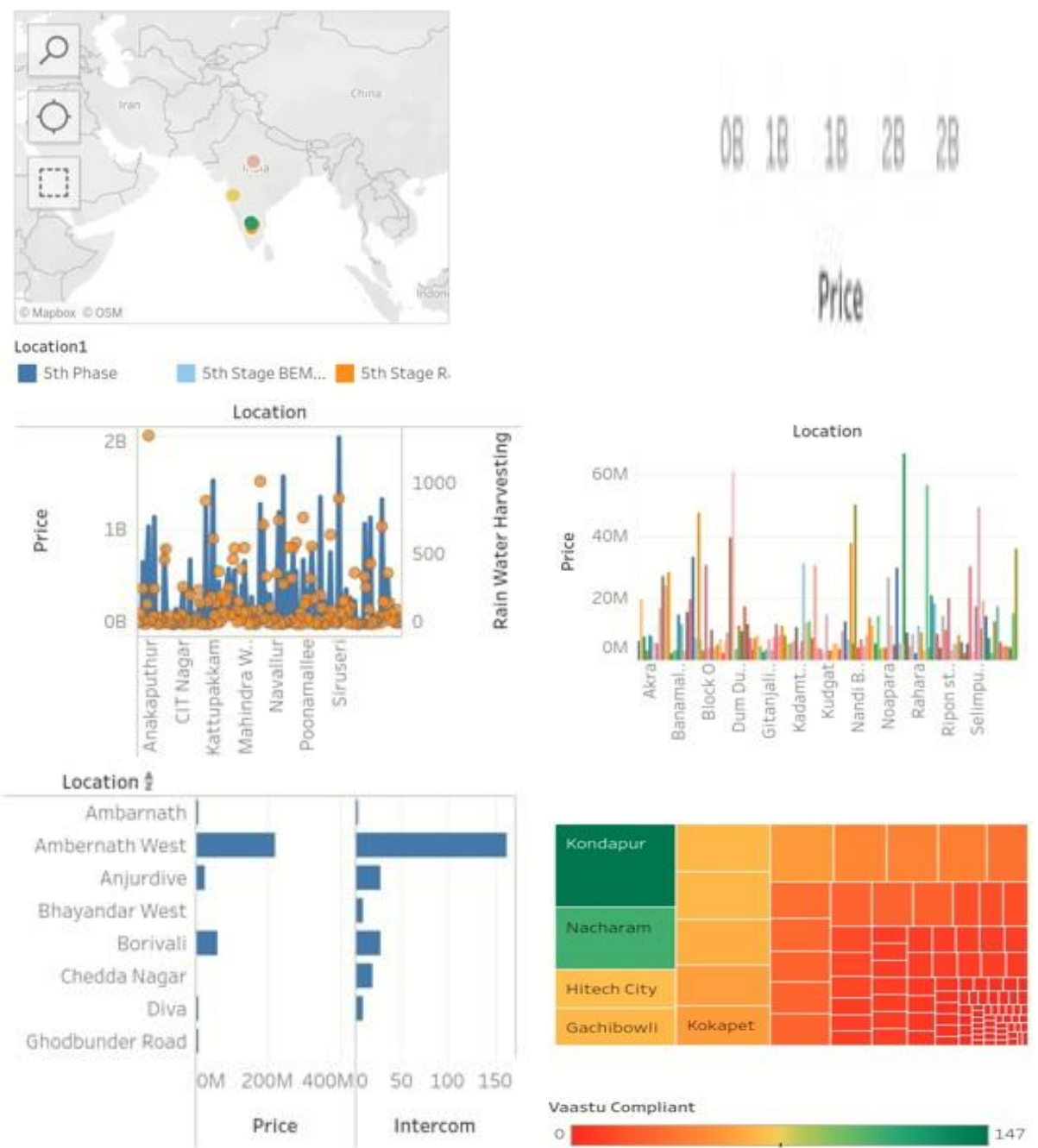
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RESULT:



4. ADVANTAGES AND DISADVANTAGES:

4.1.ADVANTAGES:

↔ 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.

↔ Business Model/Impact: Can make this visualization application available for people, for more insights and ideas can ask for payment and also can give these insights to make the understand and help in the sense of buying house.

4.2. DISADVANTAGES:

↔ This would involve a search for relevant publications, articles, and academic papers on the topic, as well as an analysis of the various techniques, models, and algorithms used in previous research.

↔ The literature survey would also involve identifying gaps in existing research and potential areas for further exploration and improvement.

5. APPLICATION:

↔ Help investors identify potentially profitable opportunities by analyzing areas with high growth potential. Generate more sales and profits.

↔ Visualize data on house price appreciation, neighborhood development, and other relevant factors.

6. CONCLUSION:

- ↔ Allow homebuyers to compare house prices across different neighborhoods or regions in the metropolitan area.
- ↔ It also discusses various factors that affect consumer spending nature etc.

7. FUTURE SCOPE:

- ↔ Analyze the geographical distribution of house prices within the metropolitan area. As businesses identify growth opportunities and optimize their strategies, they often experience increased revenue and expansion.