



WELCOME

TO

SMART INTERNZ

DATA LITERACY WITH TABLEAU

▶ **PROJECT TITLE:**

▶ **ANALYSING HOUSING PRICES IN METROPOLITAN
AREAS OF INDIA.**

TEAM PROFILE

NM TEAM ID - NM2023TMID14235

TEAM LEADER

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TEAM PERSONS

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UNDER GUIDANCE OF

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1. OVER VIEW



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

2. PURPOSE

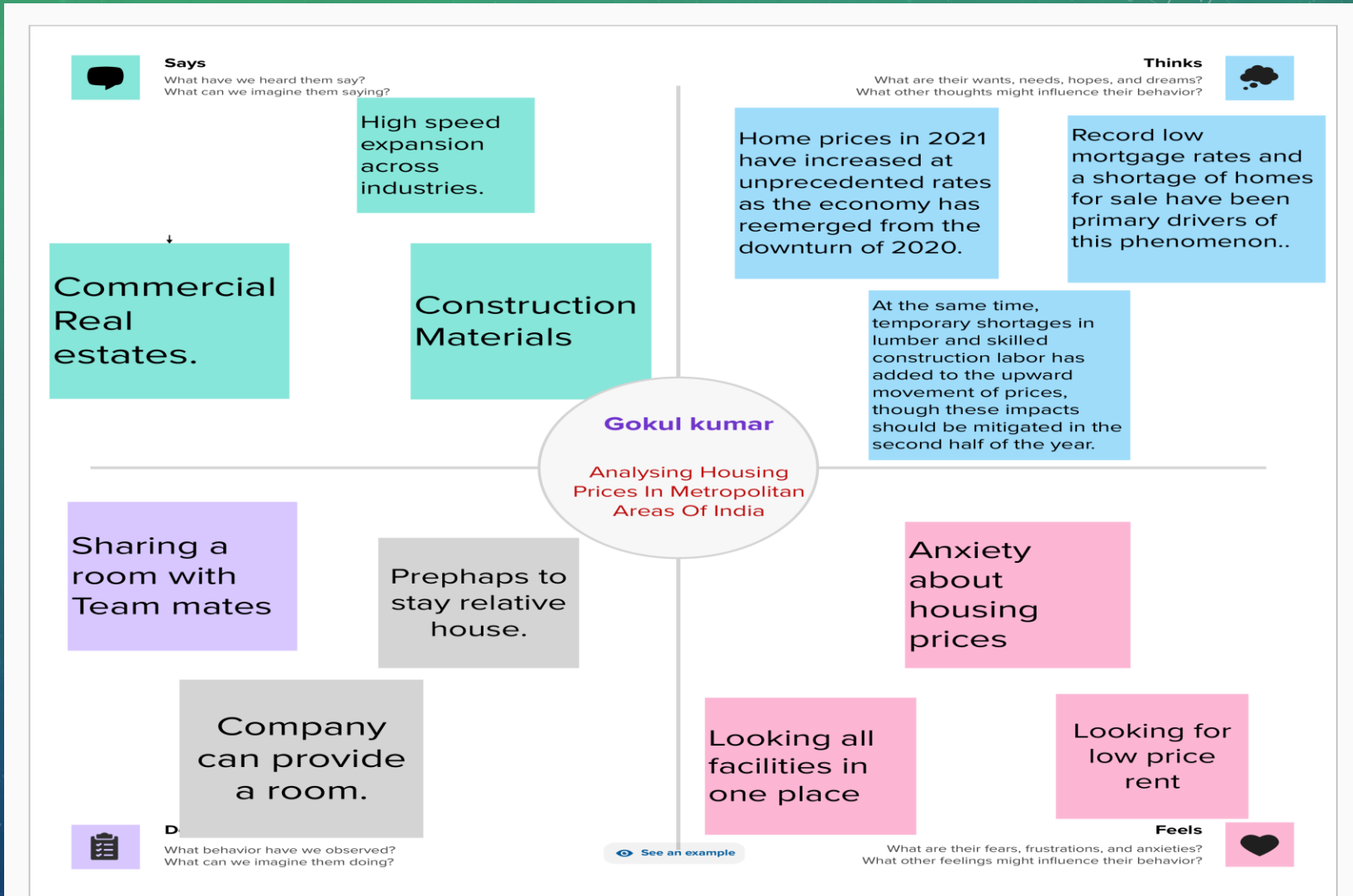


The goal is to provide a reliable and accurate prediction tool that assists users in navigating the competitive real estate market and maximizing their returns.



The model should identify the key features impacting house prices and provide insights to aid decision-making.

PROBLEM DEFINING & DESIGN THINKING



BRAIN STORMING MAP



Brainstorm & idea prioritization

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

10 minutes to prepare
15 minutes to collaborate
2-4 people recommended

1

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.

10 minutes

1

Team gathering

Define who should participate in the session and send an invite. Share relevant information or previous ideas.

1

Set the goal

Focus around the problem you're looking to solving in the brainstorming session.

1

Learn how to use the facilitator tools

Use the Facilitator Superpowers to set a happy and productive session.

Open settings

2

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.

10 minutes

PROBLEM

why housing prices are increasing?



Key rules of brainstorming

To run a smooth and productive session

- Stay in topic
- Encourage wild ideas
- Deflate judgments
- Listen to others
- Go for volume
- Y generate for volume

3

Brainstorm

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

10 minutes

Person 1

cost of the construction materials

most of people wanted for job IT companies... etc so the most number of person need to stay house so, the prices are increased

commercial real estate and rising housing demand

Person 2

labour and logistics have forced to rise prices

these rates are so high just because of the uncontrolled population

the historical values had increase the price of house

Person 3

the major or most needed facilities having cities thus tends to increase the value of house

the famous are higher official were lives in the place this leads to increasing the house prices

the real estate people were made commission for their needs to sell the land so seller needs their land price to increase

Person 4

if an area is not popular then property takes longer to sell and price fall in metropolitan cities job market and highest population

there are lots buyers who invest in the metropolitan cities so the value of house were high

high demand for the houses in metropolitan cities

4

Group ideas

Take turn sharing your ideas while clustering similar or related notes as you go. Once all ideas have been grouped, give each cluster a sentence the best. If a cluster is bigger than six ideas notes, try and see if you can break it up into smaller sub-groups.

10 minutes

1. cost of the construction materials

2. most of people wanted for job IT companies... etc so the most number of person need to stay house so, the prices are increased

3. commercial real estate and rising housing demand

4. labour and logistics have forced to rise prices

5. these rates are so high just because of the uncontrolled population

6. the historical values had increase the price of house

7. the major or most needed facilities having cities thus tends to increase the value of house

8. the famous are higher official were lives in the place this leads to increasing the house prices

9. the real estate people were made commission for their needs to sell the land so seller needs their land price to increase

10. if an area is not popular then property takes longer to sell and price fall in metropolitan cities job market and highest population

11. there are lots buyers who invest in the metropolitan cities so the value of house were high

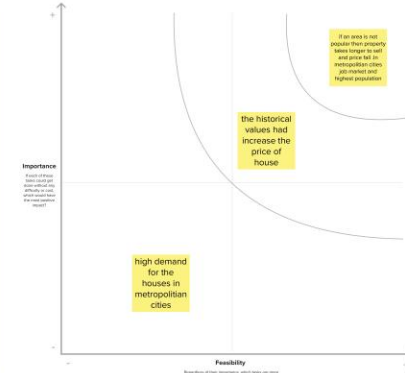
12. high demand for the houses in metropolitan cities

5

Prioritize

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

10 minutes



6

After you collaborate

You can export the board as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

Share the board

Share a link that lets you share with collaborators to share the top about the outcome of the session

Export the board

Export a screenshot of the board as a PNG or PDF to share with collaborators or use it in your work.

Keep moving forward!

Working document

Define the components of a new idea or strategy

Open the template

Customer experience journey map

Visualize customer needs, behaviors, interactions for an experience

Open the template

Strengths, weaknesses, opportunities & threats

Visualize strengths, weaknesses, opportunities & threats (SWOT) analysis to develop a plan

Open the template

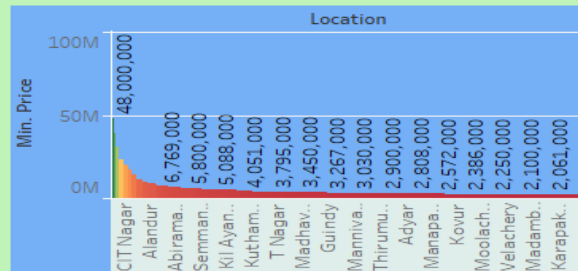
Brainstorming framework

RESULT

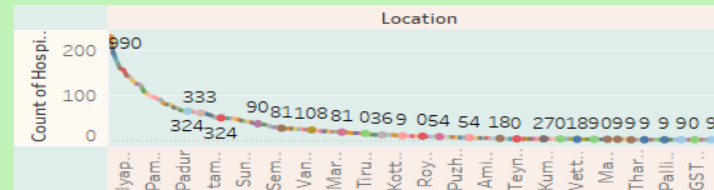
DASH BOARD

DEMO DASHBOARD

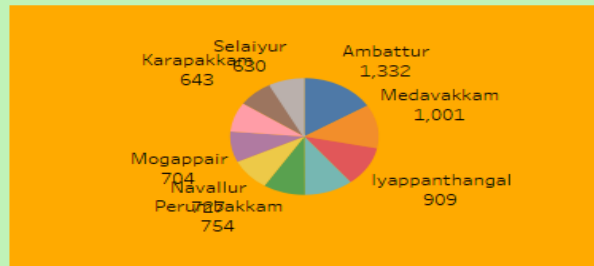
Location based on Min. price



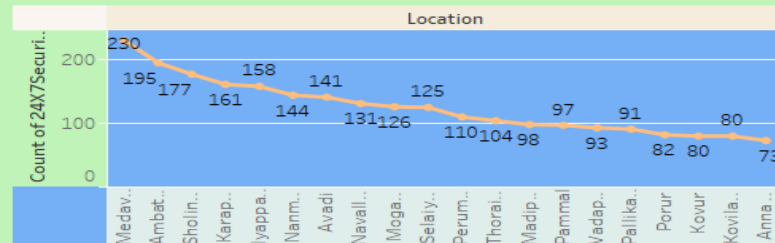
Count of Hospital location



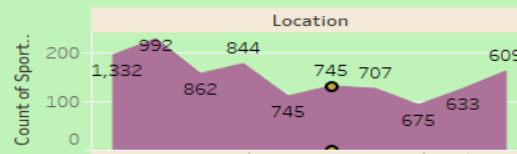
Top 10 Multipurpose room



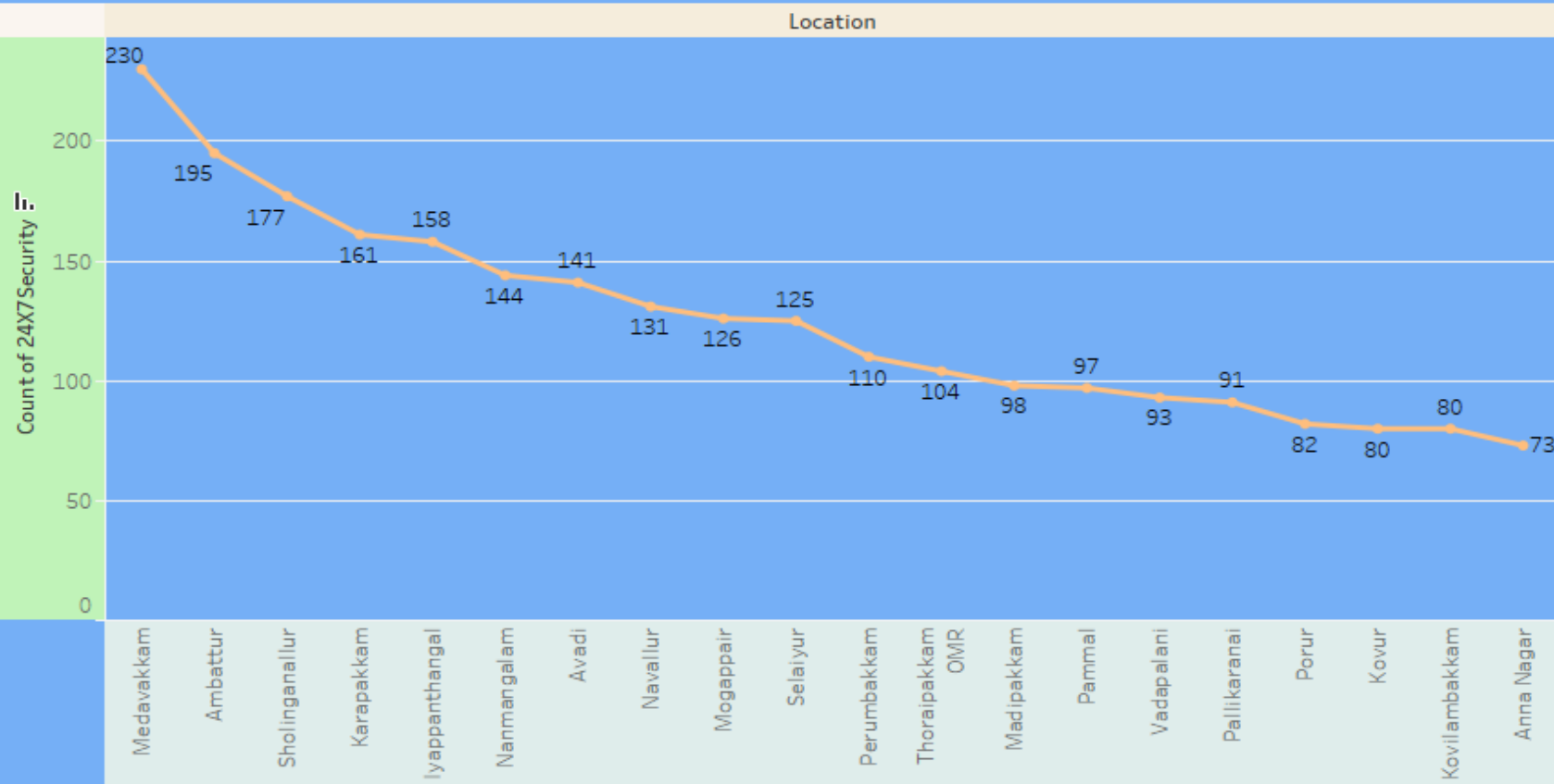
Top 20 (24*7) security system



Top 10 counts of sports facility

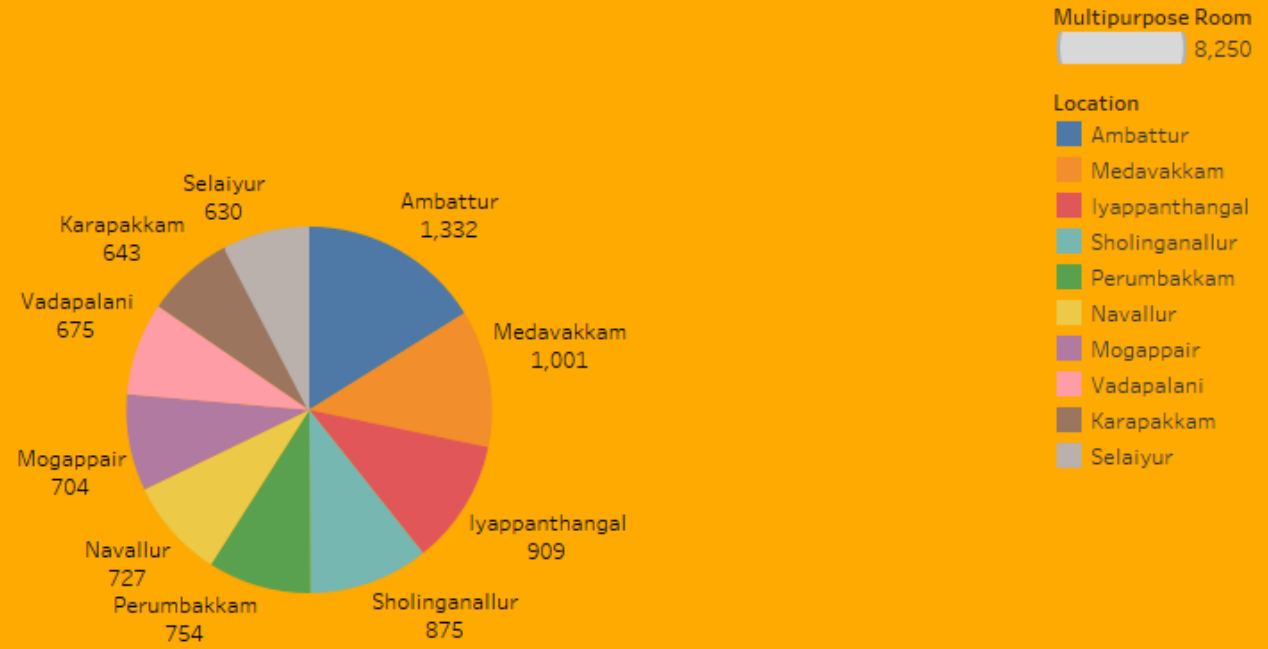


Top 20 (24*7) security system

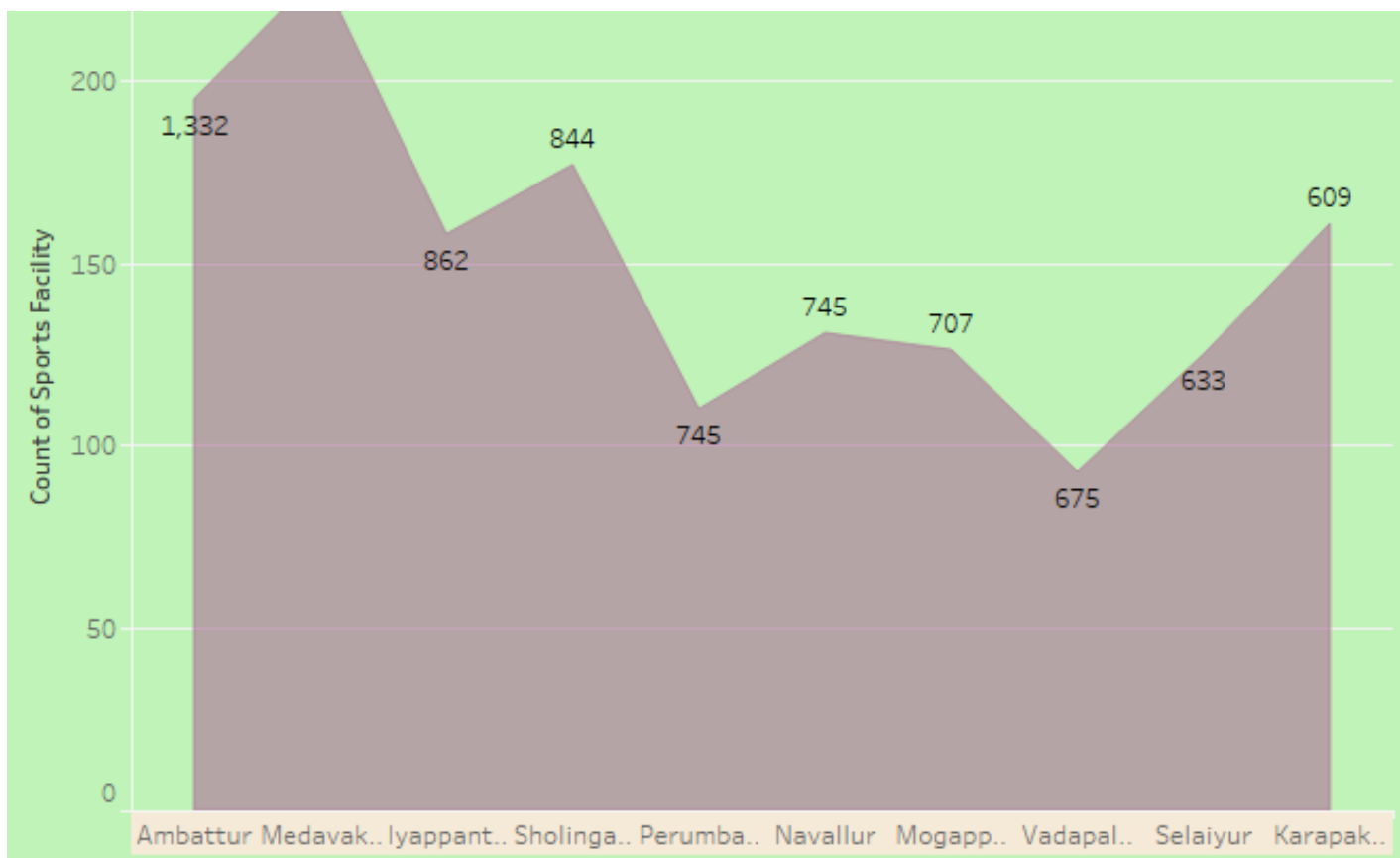


The trend of count of 24X7Security for Location. The view is filtered on Location, which keeps 20 of 185 members.

Top 10 Multipurpose room

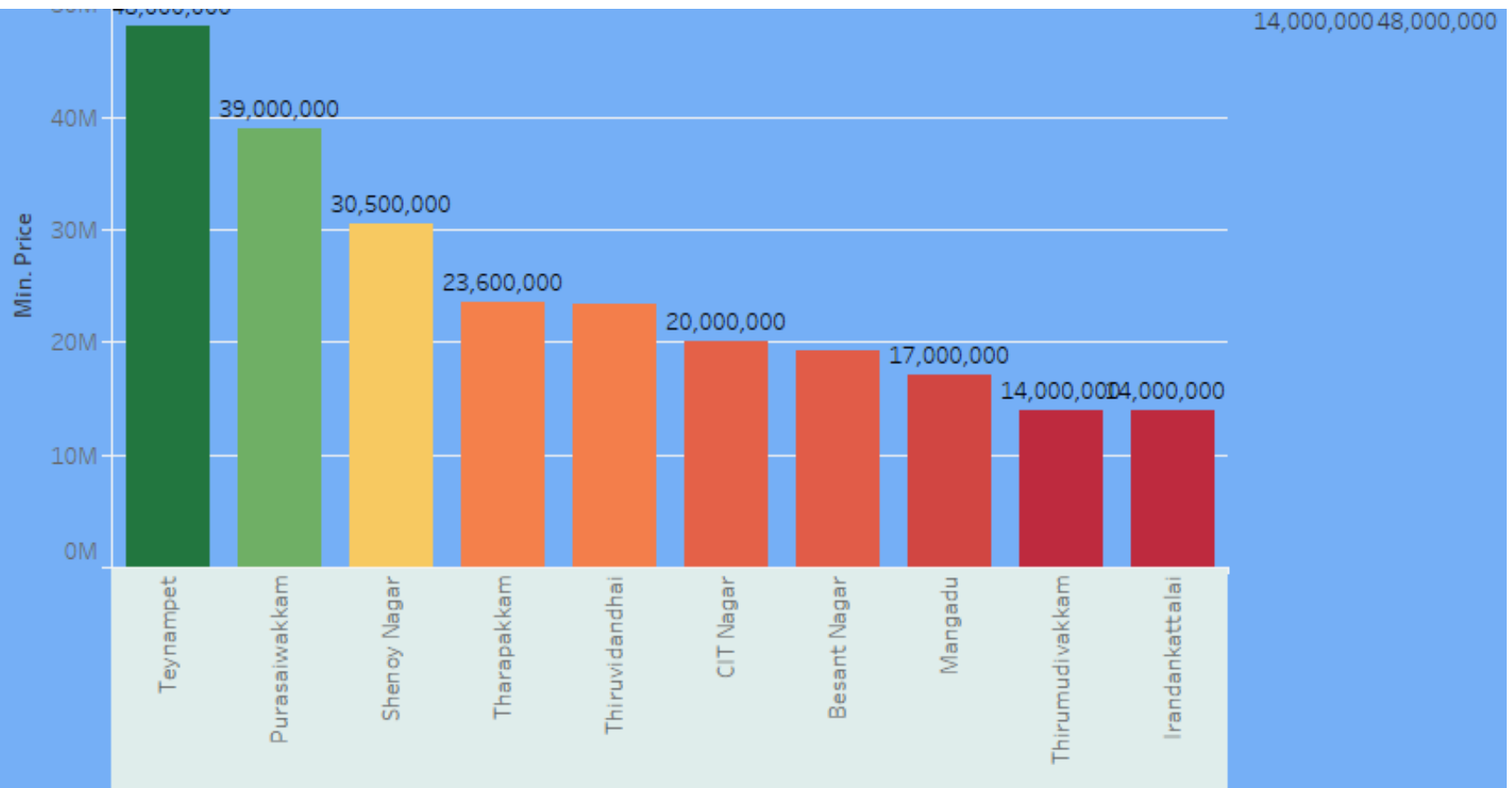


Location and sum of Multipurpose Room. Colour shows details about Location. Size shows sum of Multipurpose Room. The marks are labelled by Location and sum of Multipurpose Room. The view is filtered on Location, which keeps 10 of 185 members.



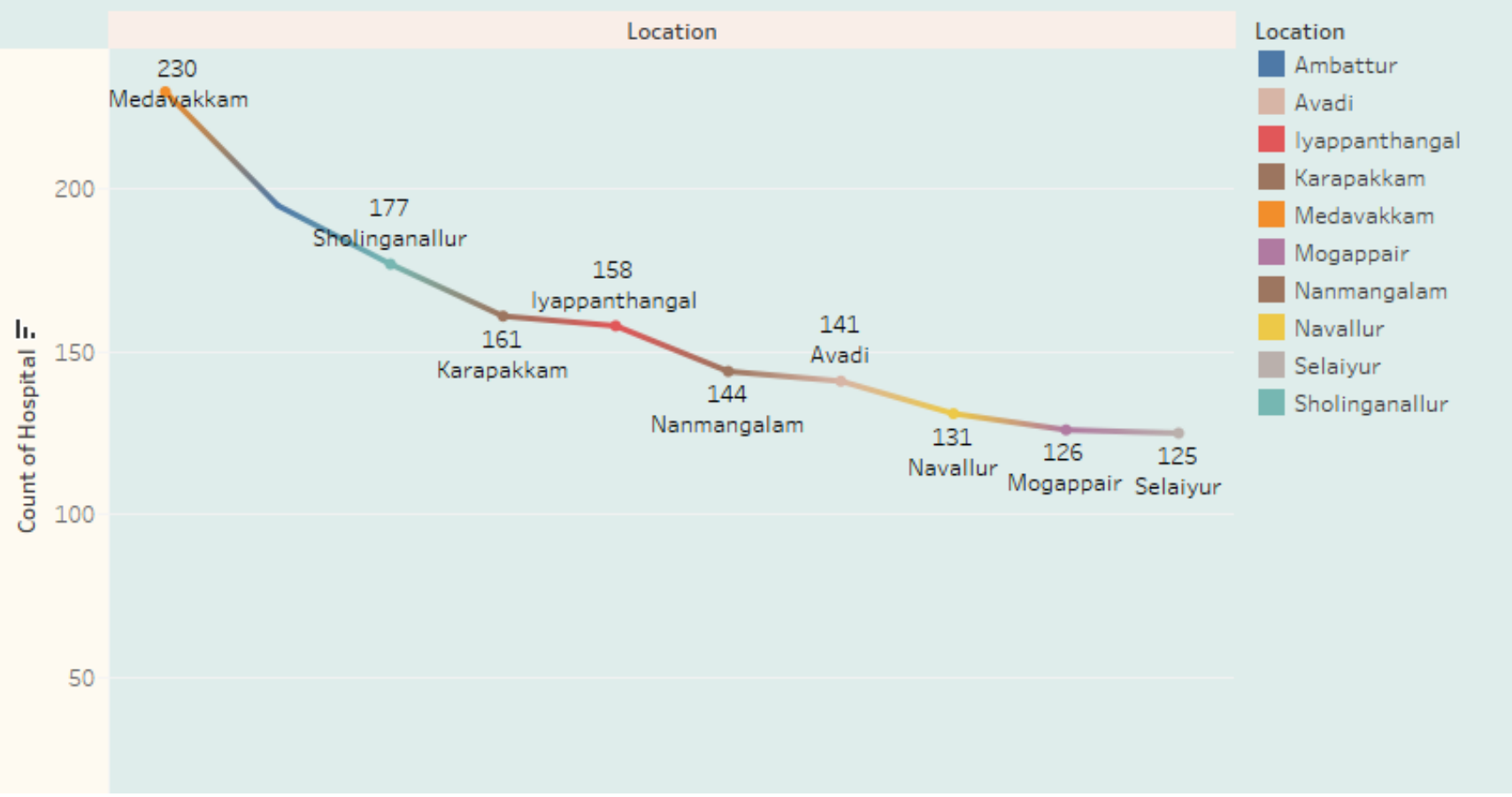
Count of Sports Facility for each Location. Colour shows sum of Sports Facility. The marks are labelled by sum of Sports Facility. The view is filtered on count of Sports Facility and Location. The count of Sports Facility filter ranges from 1 to 230. The Location filter keeps 10 of 185 members.

VISUALIZATION-4



Minimum of Price for each Location. Colour shows minimum of Price. The view is filtered on Location, which keeps 10 of 185 members.

Count of Hospital location



DASH BOARD LINK

https://public.tableau.com/views/NMDashBoard/Dashboard2?:language=en-US&:display_count=n&:origin=viz_share_link

STORY LINK

https://public.tableau.com/views/NMstory_16969622623800/Story1?:language=en-US&:display_count=n&:origin=viz_share_link

INTRODUCTION

1.OVERVIEW

2. PURPOSE

*PROBLEM DEFINE & DESIGN THINKING

- BRAIN STROMING MAP

- * RESULT

- * DASHBOARD

- * STORY

- * DASHBOARD LINK STORY LINK



Thank you