

ANALYSING HOUSING PRICES IN METROPOLITAN AREAS OF INDIA

1. INTRODUCTION

1.1 Overview

use 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.

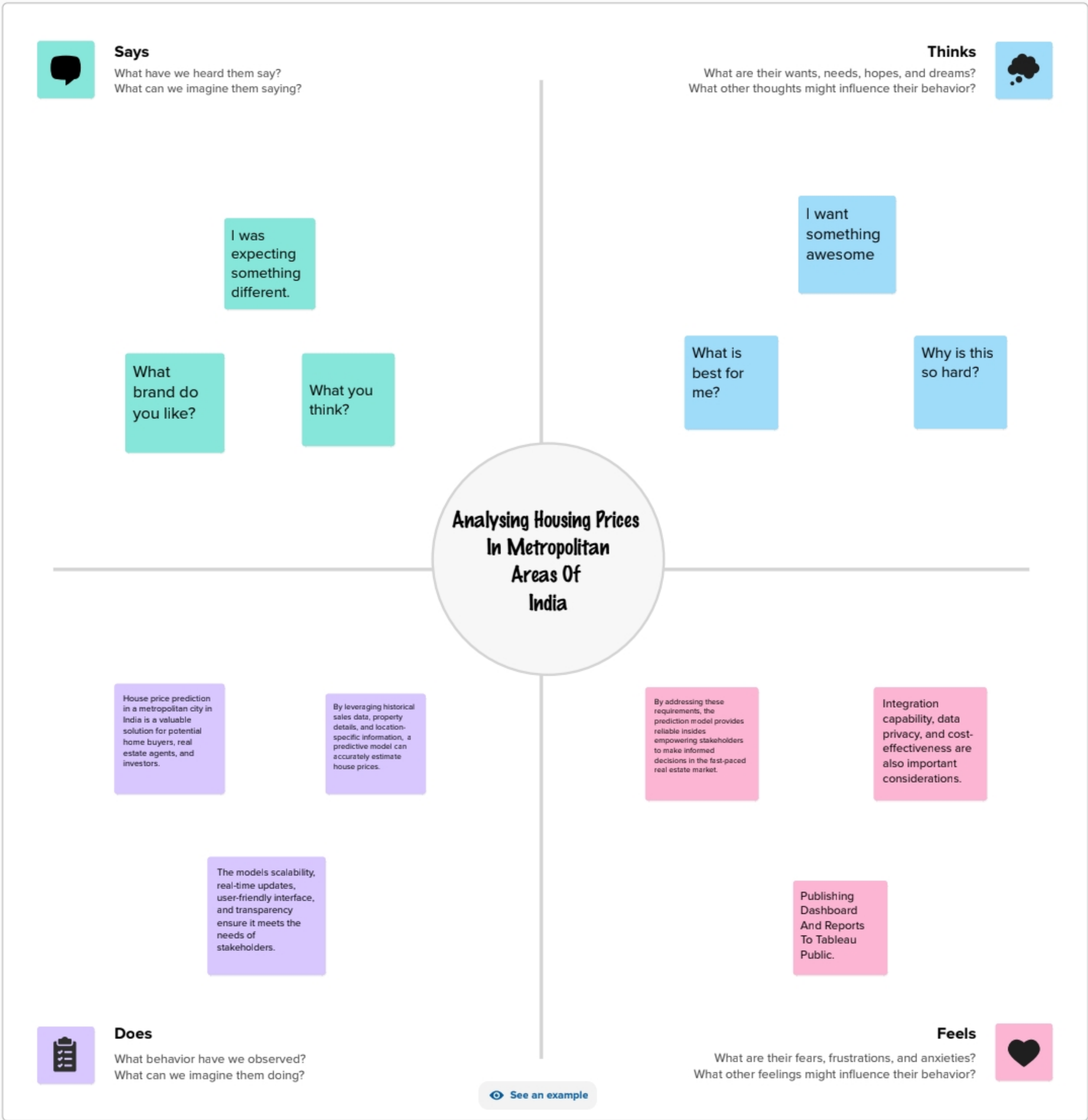
1.2 PURPOSE

The primary purpose of conducting market research is to understand or examine the market associated with a particular product or service to decide how the audience will react to a product or service.

This project aims to analyze customer spending behavior and identify opportunities for growth by leveraging data analytics .

2. Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstorming Map

Design Thinking Process:

- Before you collaborate**
 - Task: Create a problem statement. (You can use the template provided.)
 - Tip: Use the template provided to create a problem statement.
 - Tip: Use the template provided to create a problem statement.
 - Tip: Use the template provided to create a problem statement.
- Define your problem statement**
 - Task: Define your problem statement. (You can use the template provided.)
 - Tip: Use the template provided to create a problem statement.
 - Tip: Use the template provided to create a problem statement.
 - Tip: Use the template provided to create a problem statement.
- Brainstorm**
 - Task: Brainstorm ideas. (You can use the template provided.)
 - Tip: Use the template provided to create a problem statement.
 - Tip: Use the template provided to create a problem statement.
 - Tip: Use the template provided to create a problem statement.
- Group ideas**
 - Task: Group ideas. (You can use the template provided.)
 - Tip: Use the template provided to create a problem statement.
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 - Tip: Use the template provided to create a problem statement.
- Prioritize**
 - Task: Prioritize ideas. (You can use the template provided.)
 - Tip: Use the template provided to create a problem statement.
 - Tip: Use the template provided to create a problem statement.
 - Tip: Use the template provided to create a problem statement.
- After you collaborate**
 - Task: After you collaborate. (You can use the template provided.)
 - Tip: Use the template provided to create a problem statement.
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 - Tip: Use the template provided to create a problem statement.

3. RESULTS

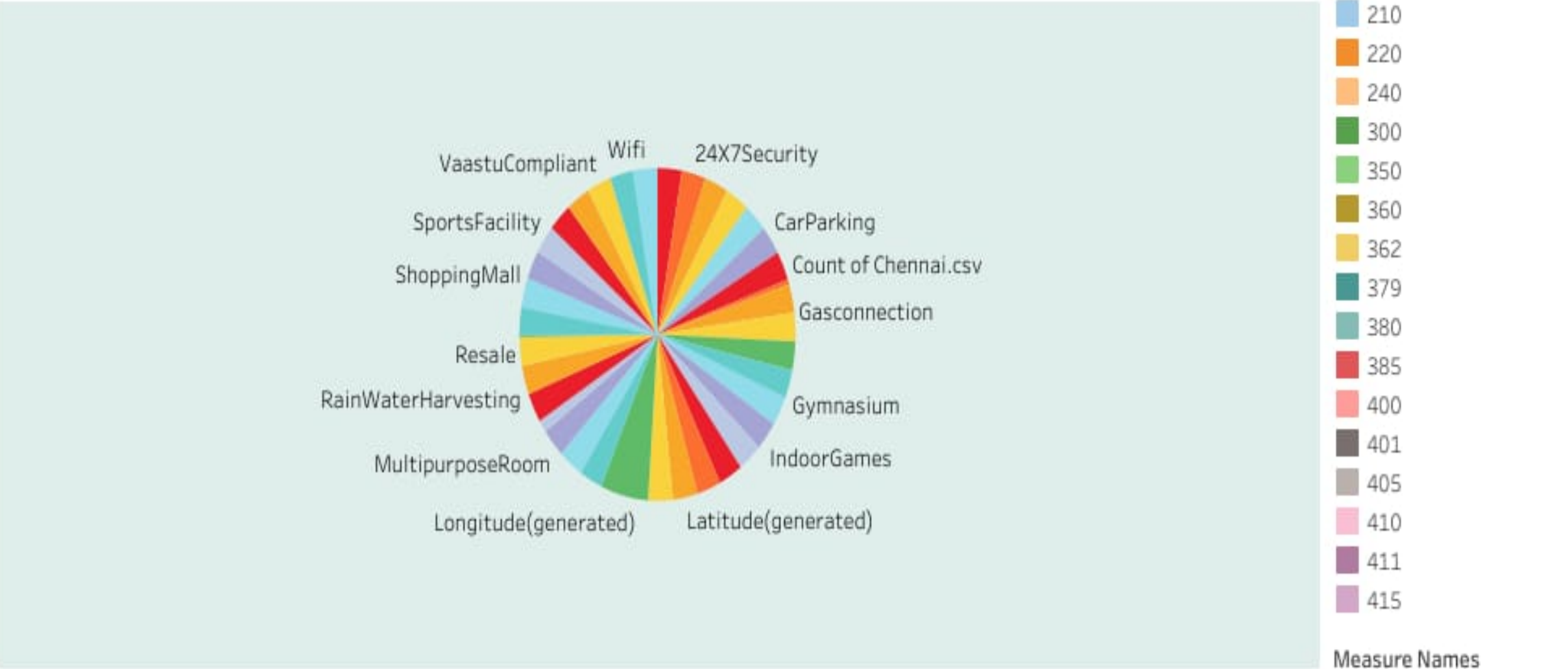
DASHBOARD: 1

Latitude And Longitude Based On Location

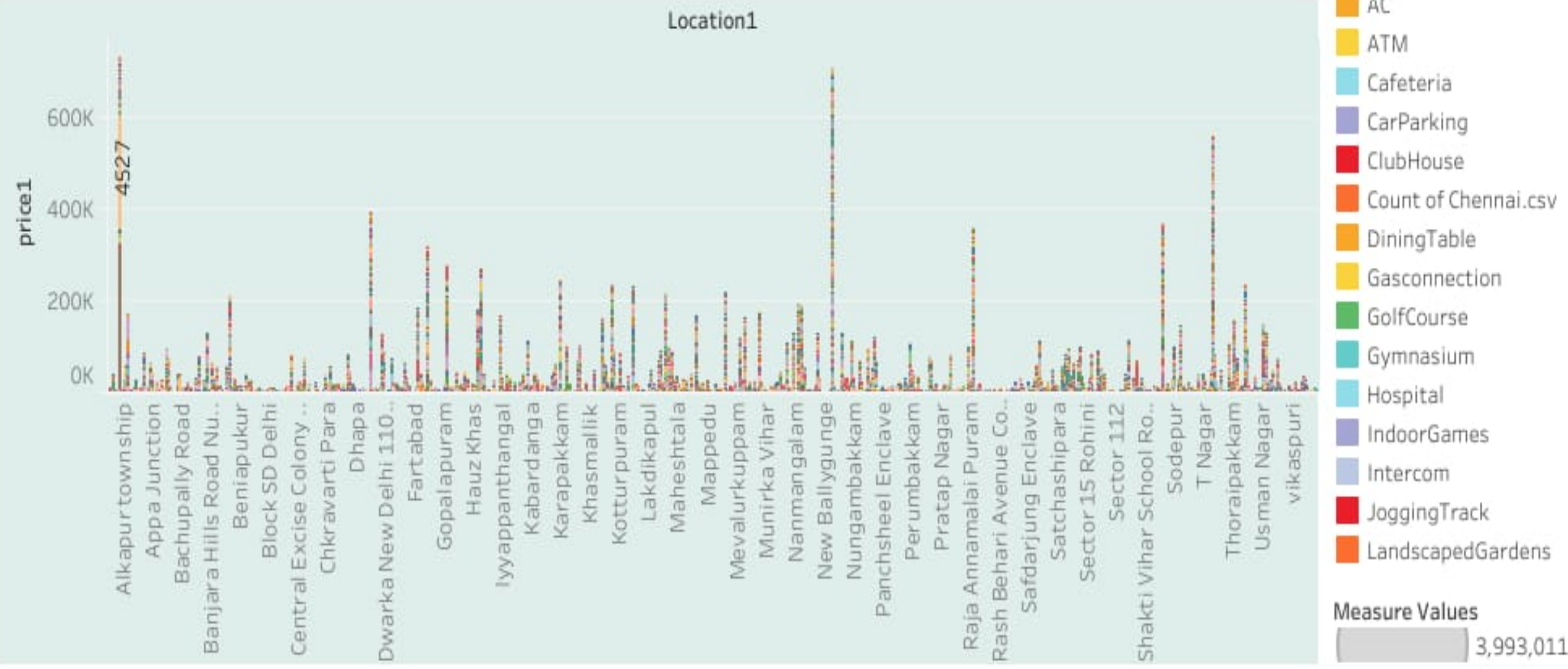


DASHBOARD :2

All Services Based On Locations

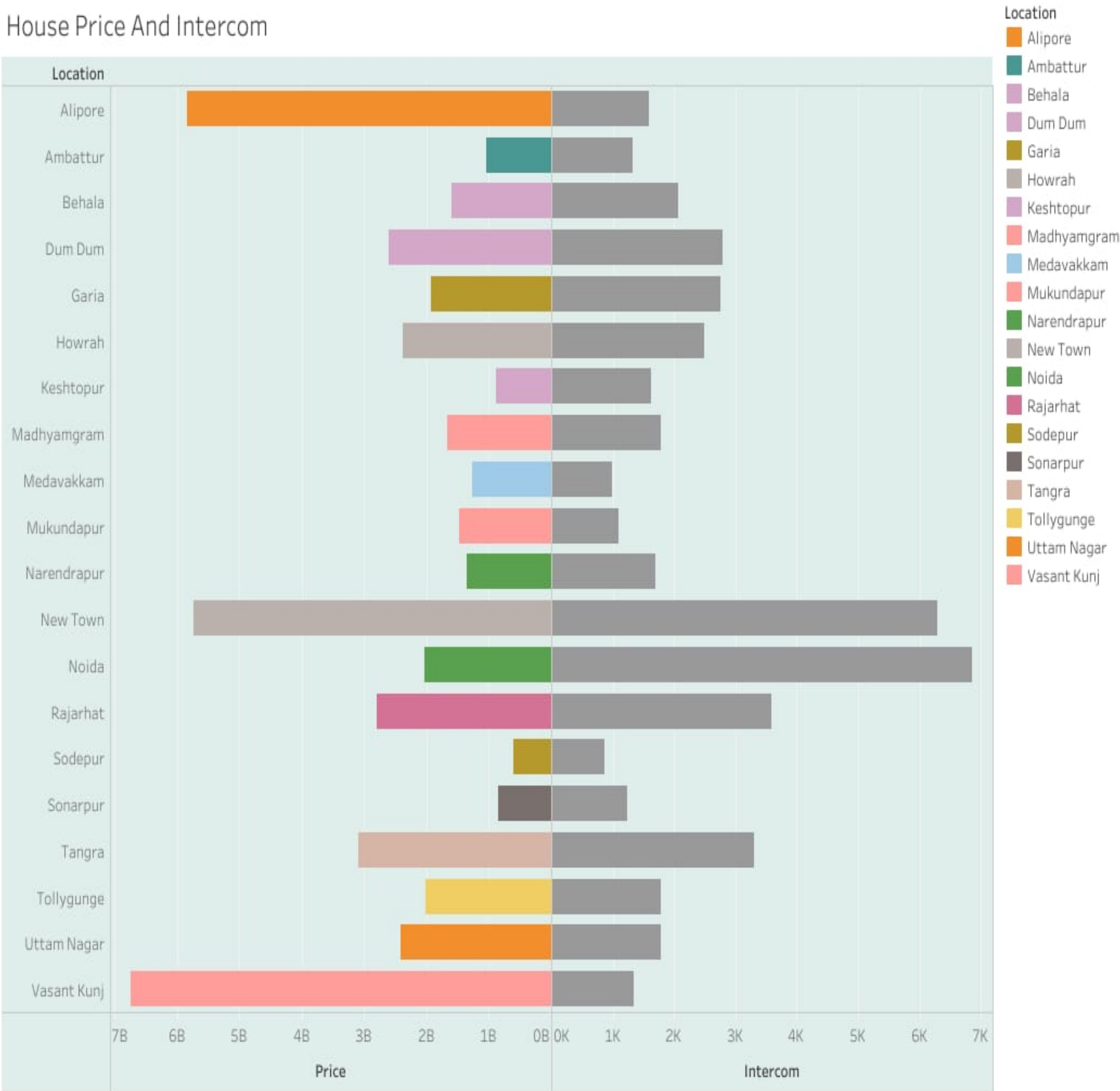


House Price Based On Number Of Bedrooms

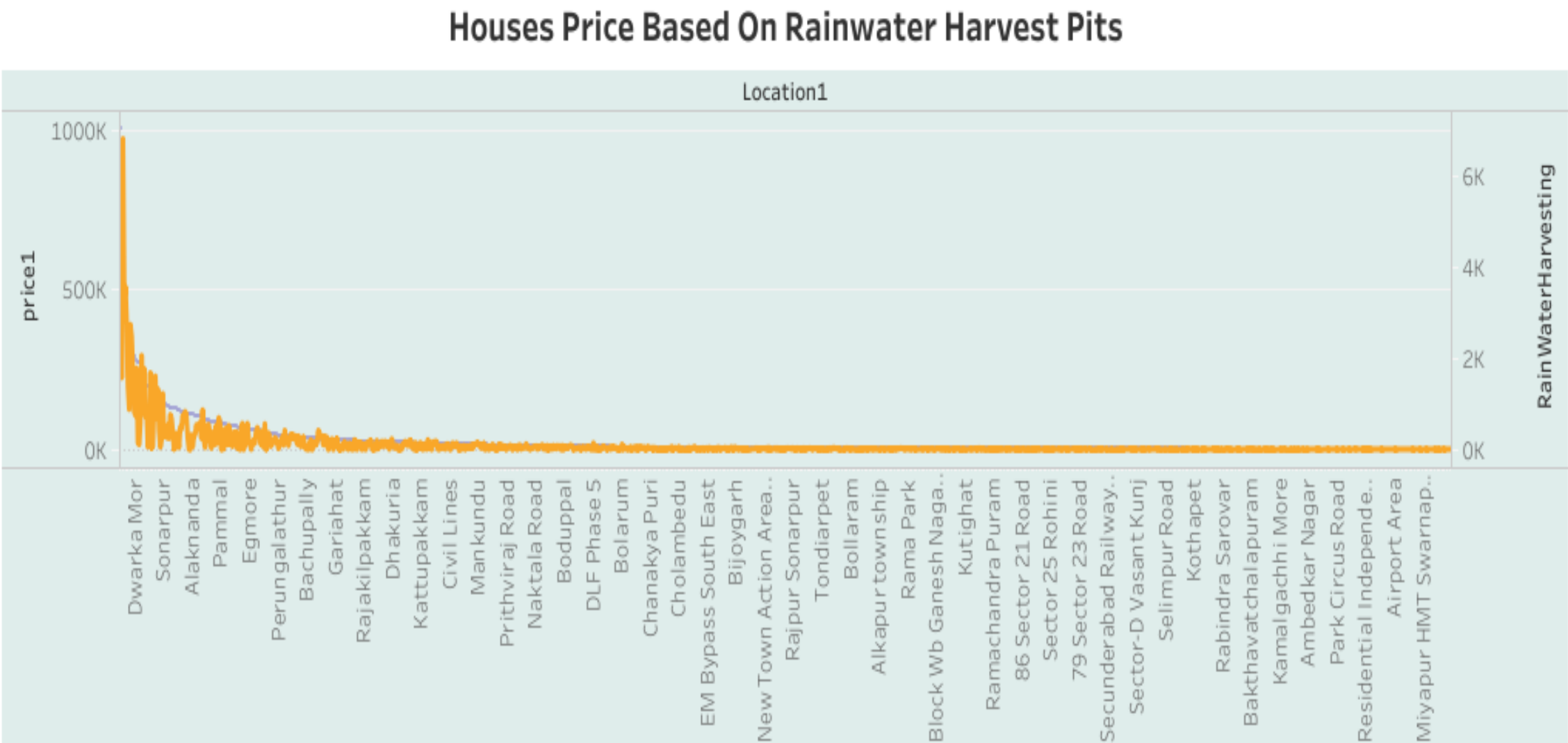
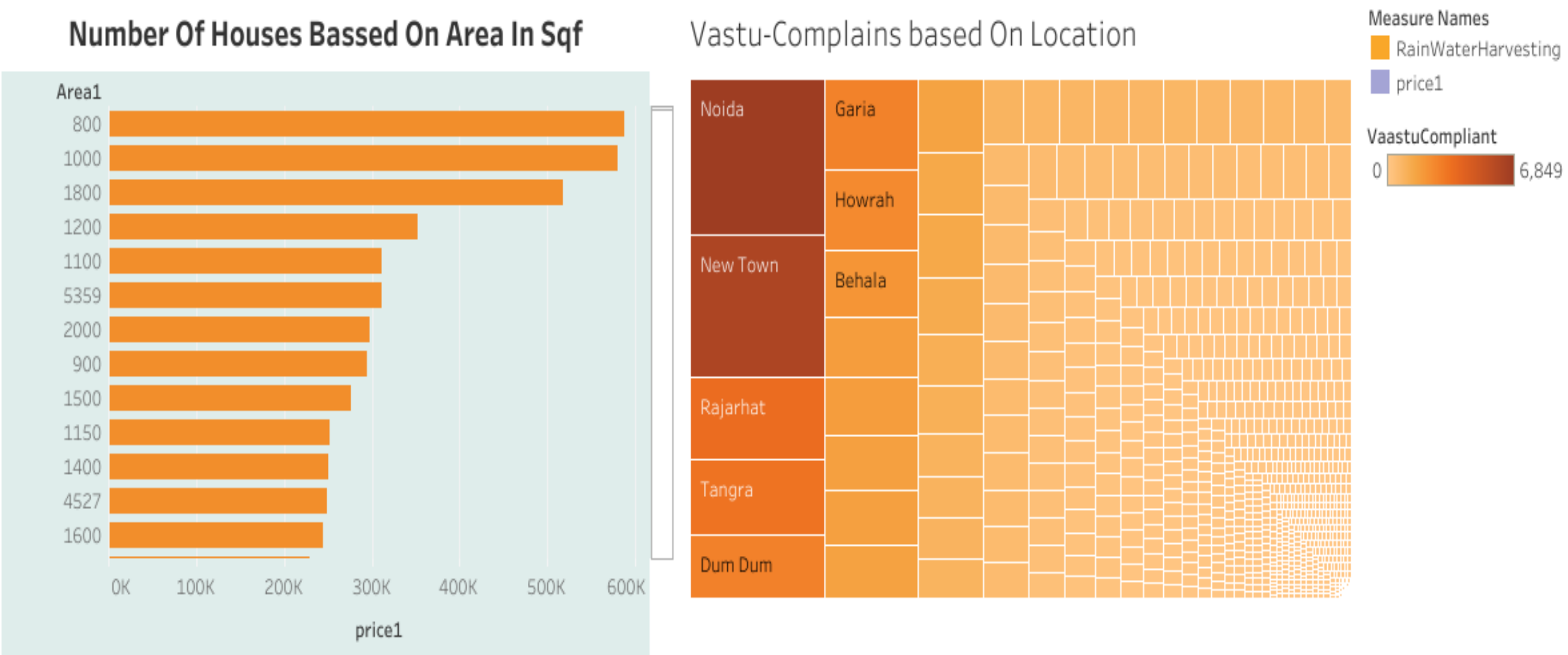


DASHBOARD: 3

House Price And Intercom

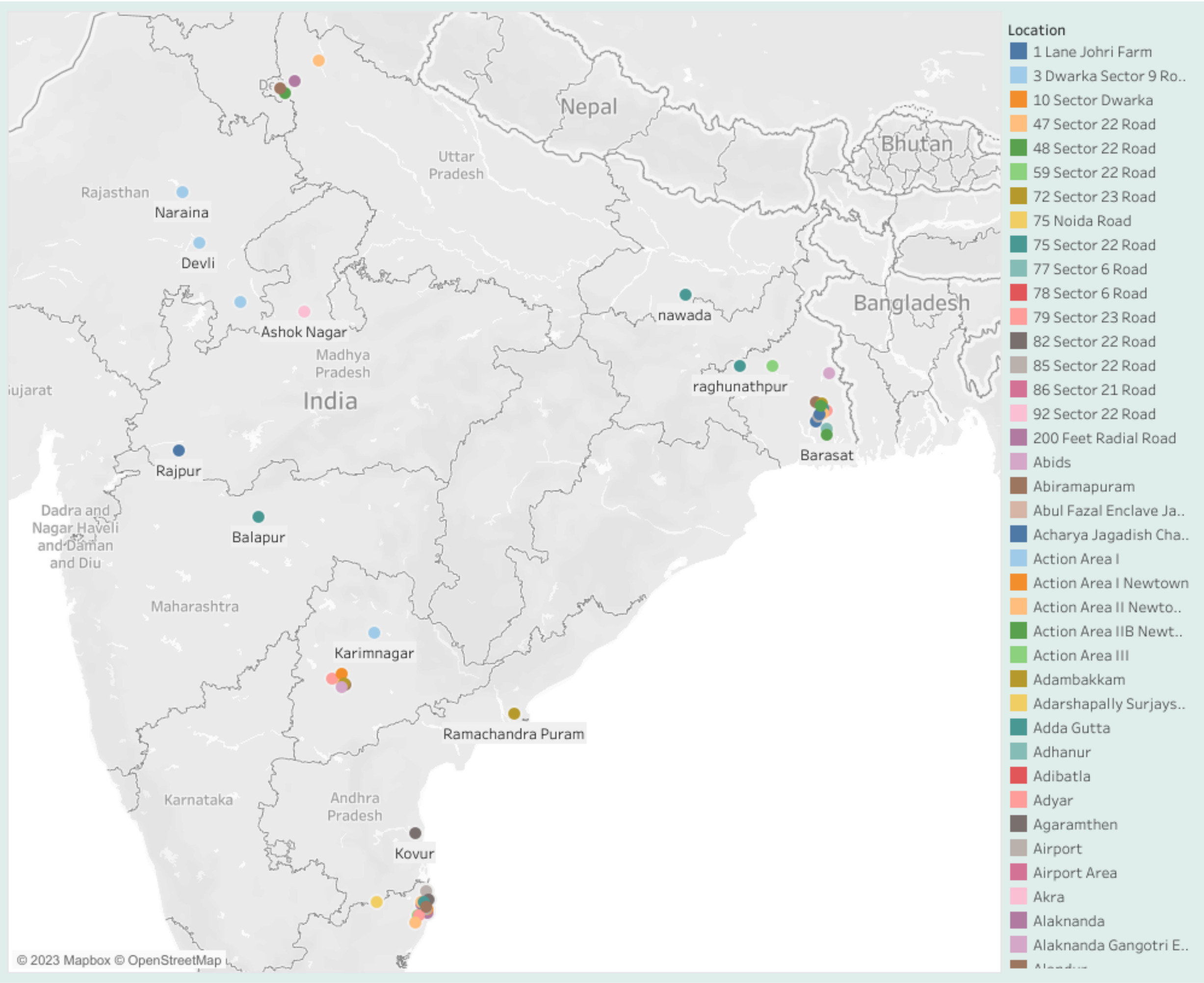


DASHBOARD

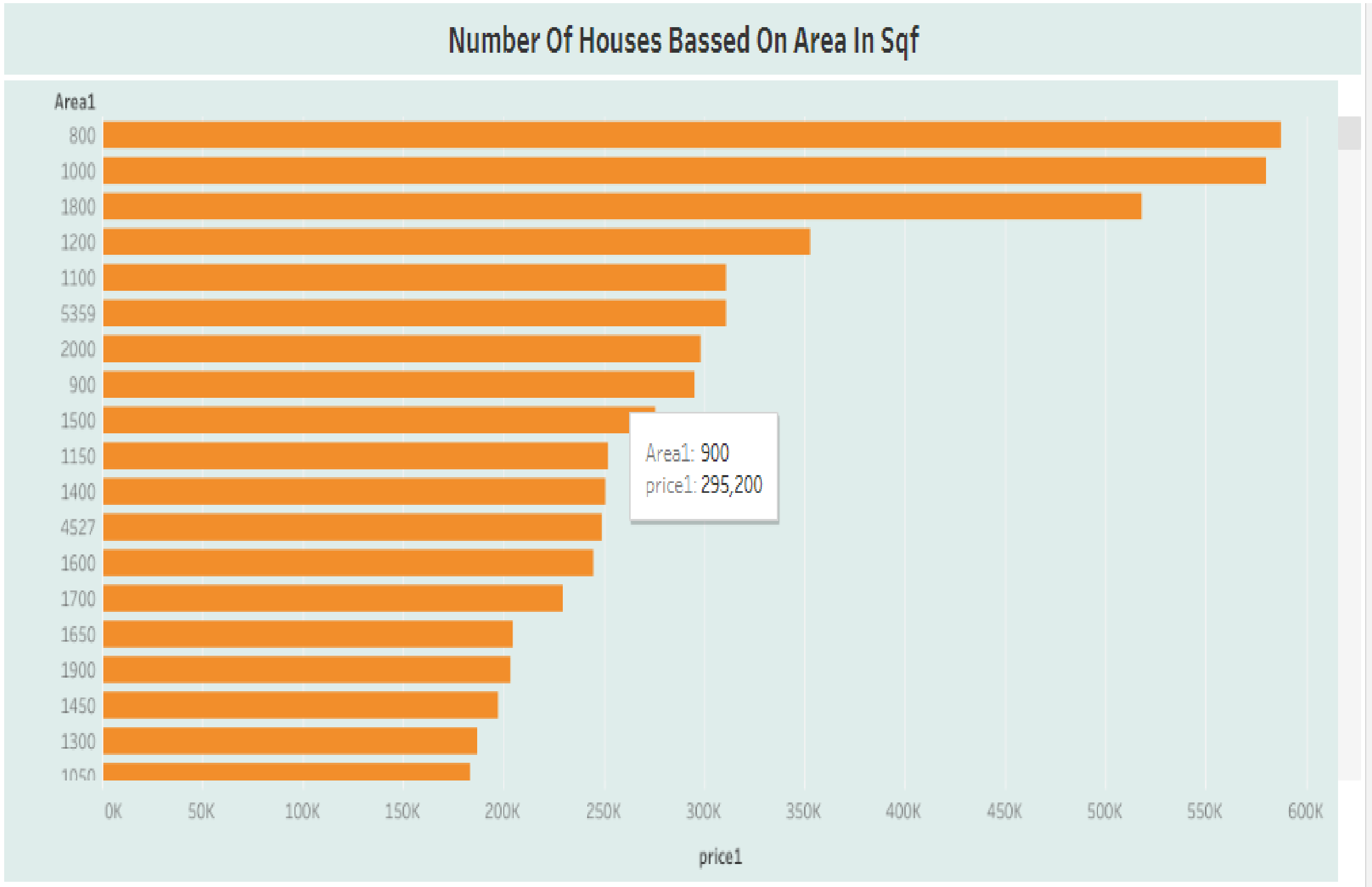


Story 1

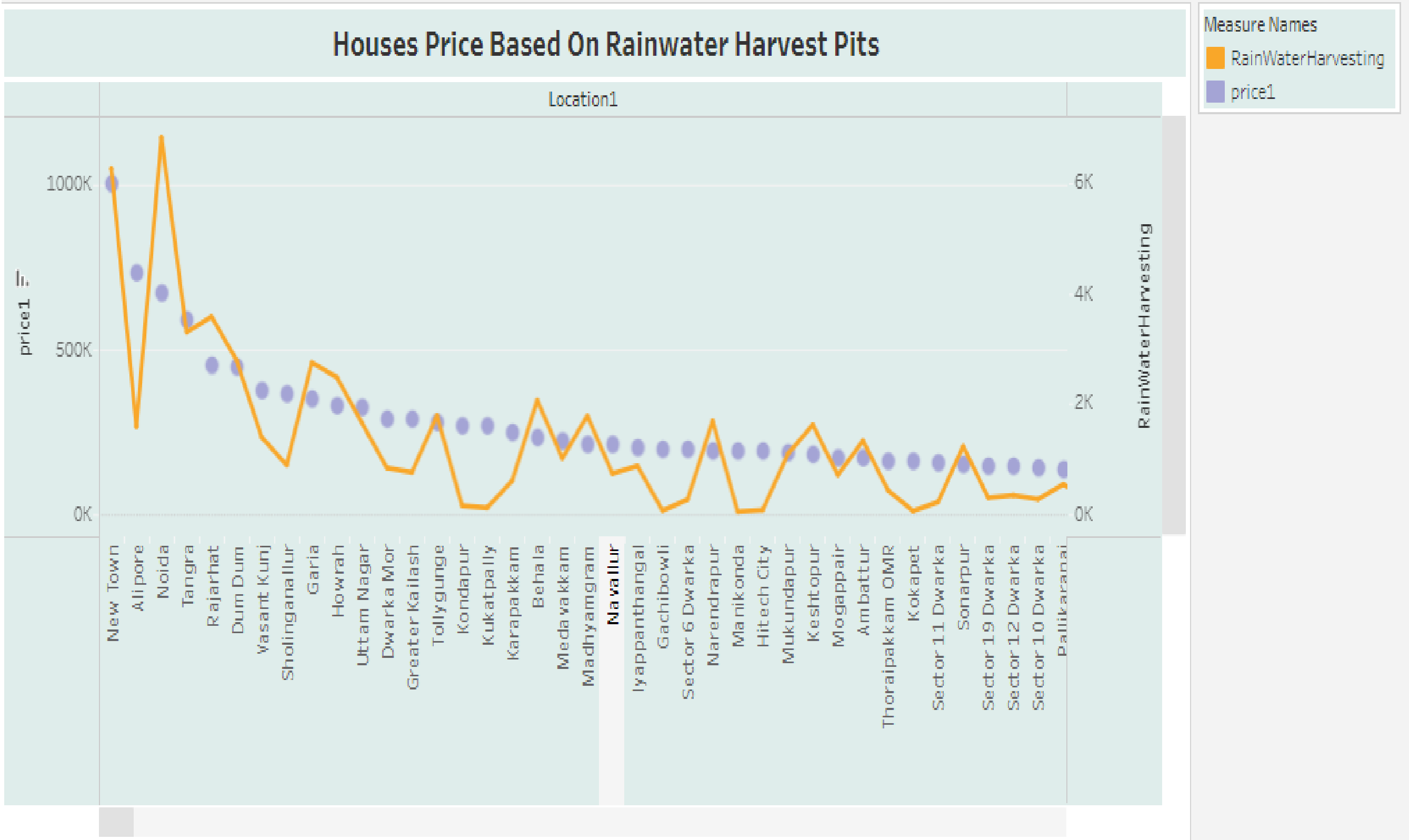
Our Houses in this 5 metropolitan	Our prices based on area in Sqf	Our prices based on the best places	Our houses in this location	Average price based on member	Our prices based on best facilities	Our facilities in the best p..
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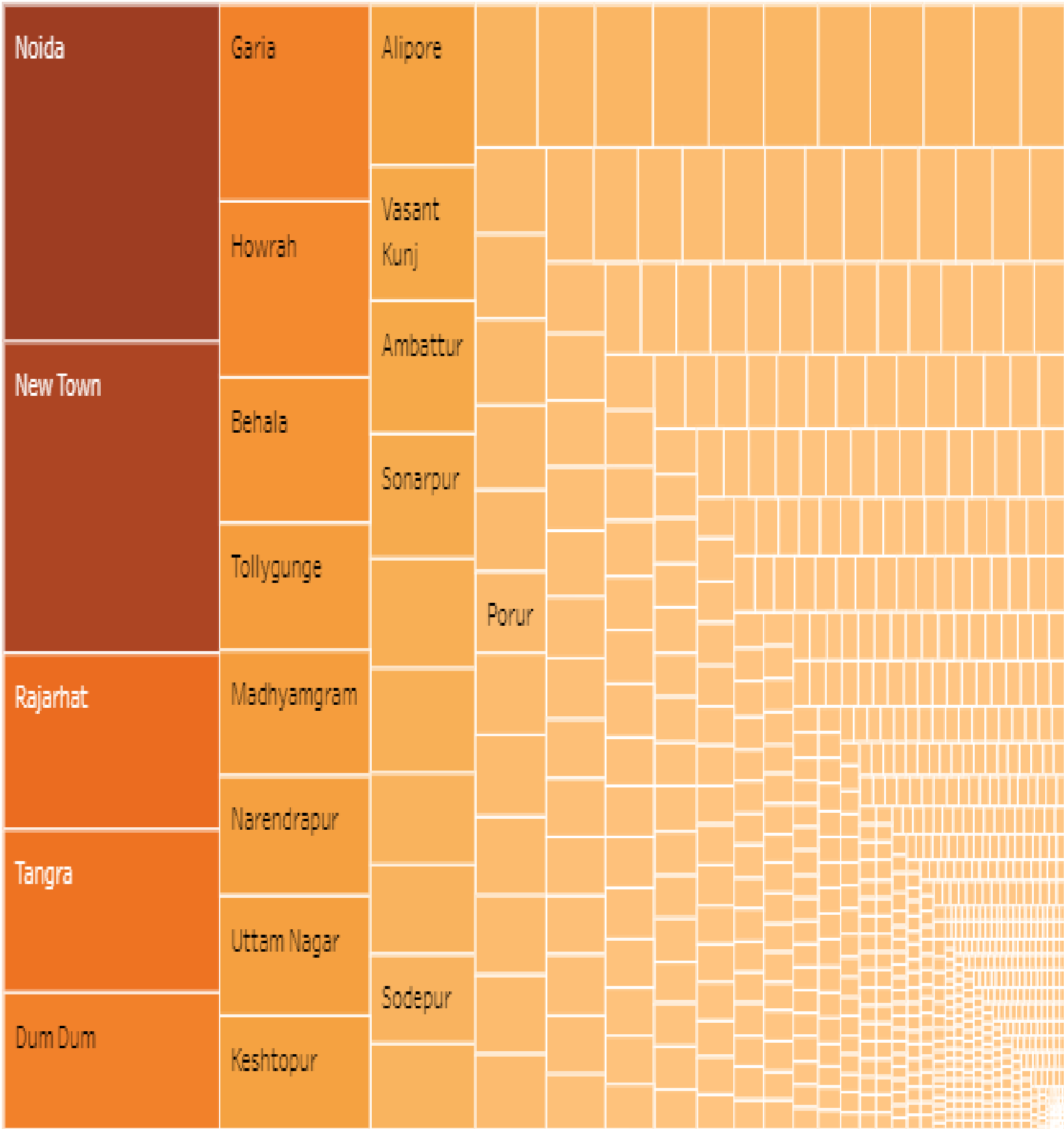
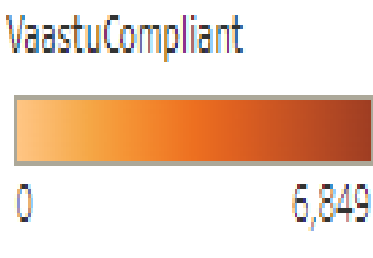
Story 1



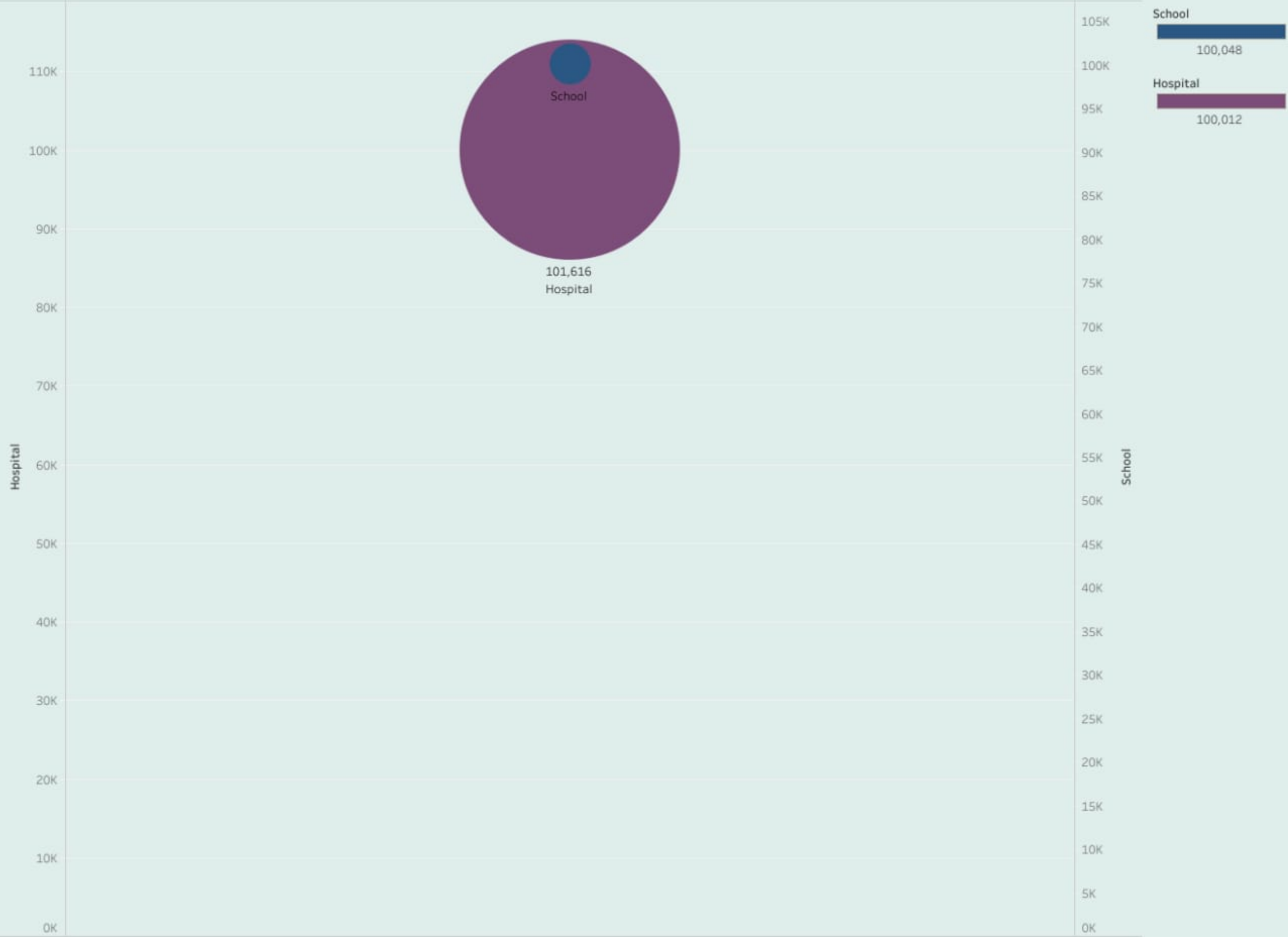
Story 1



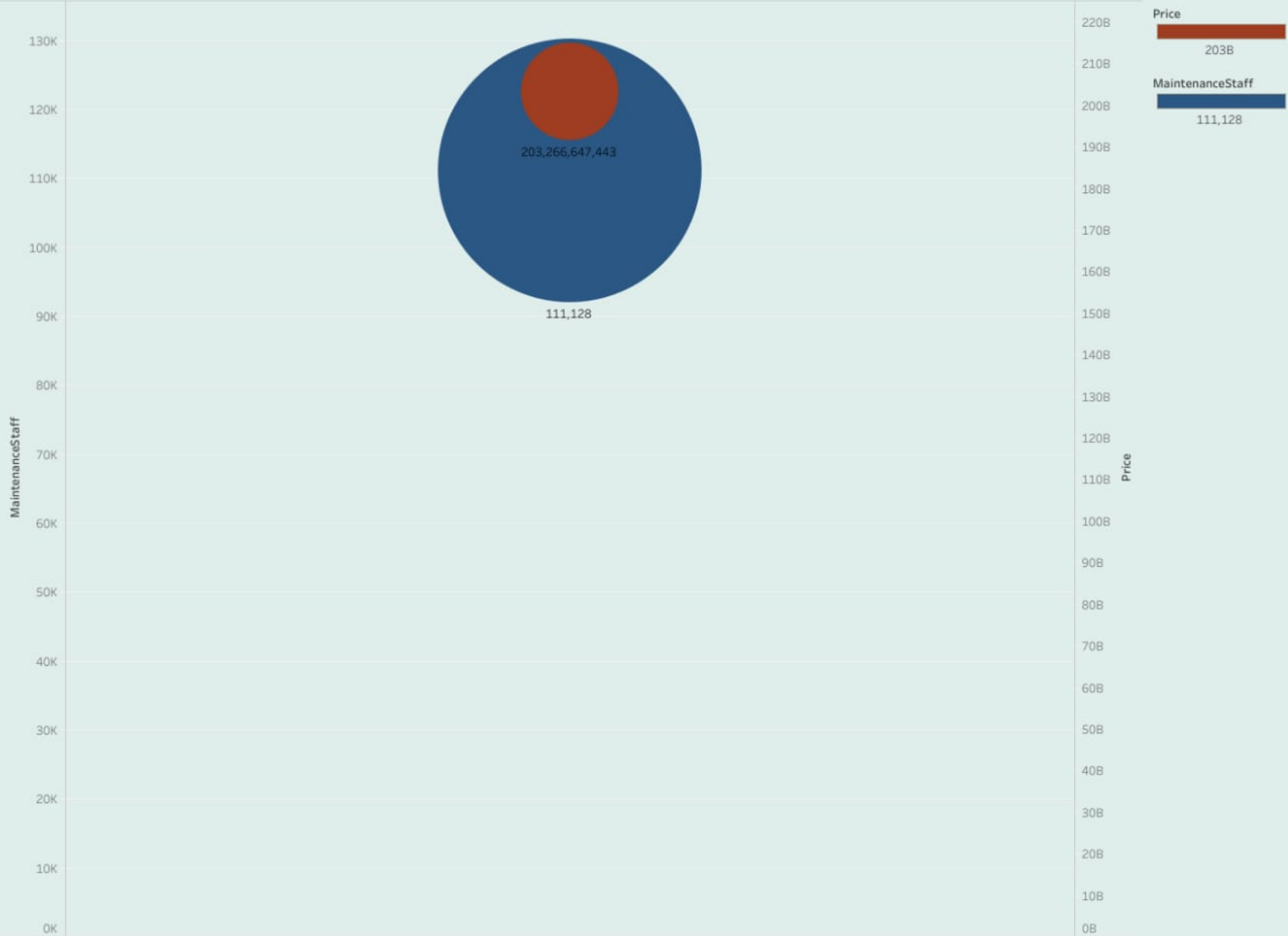
Vastu-Complains based On Location



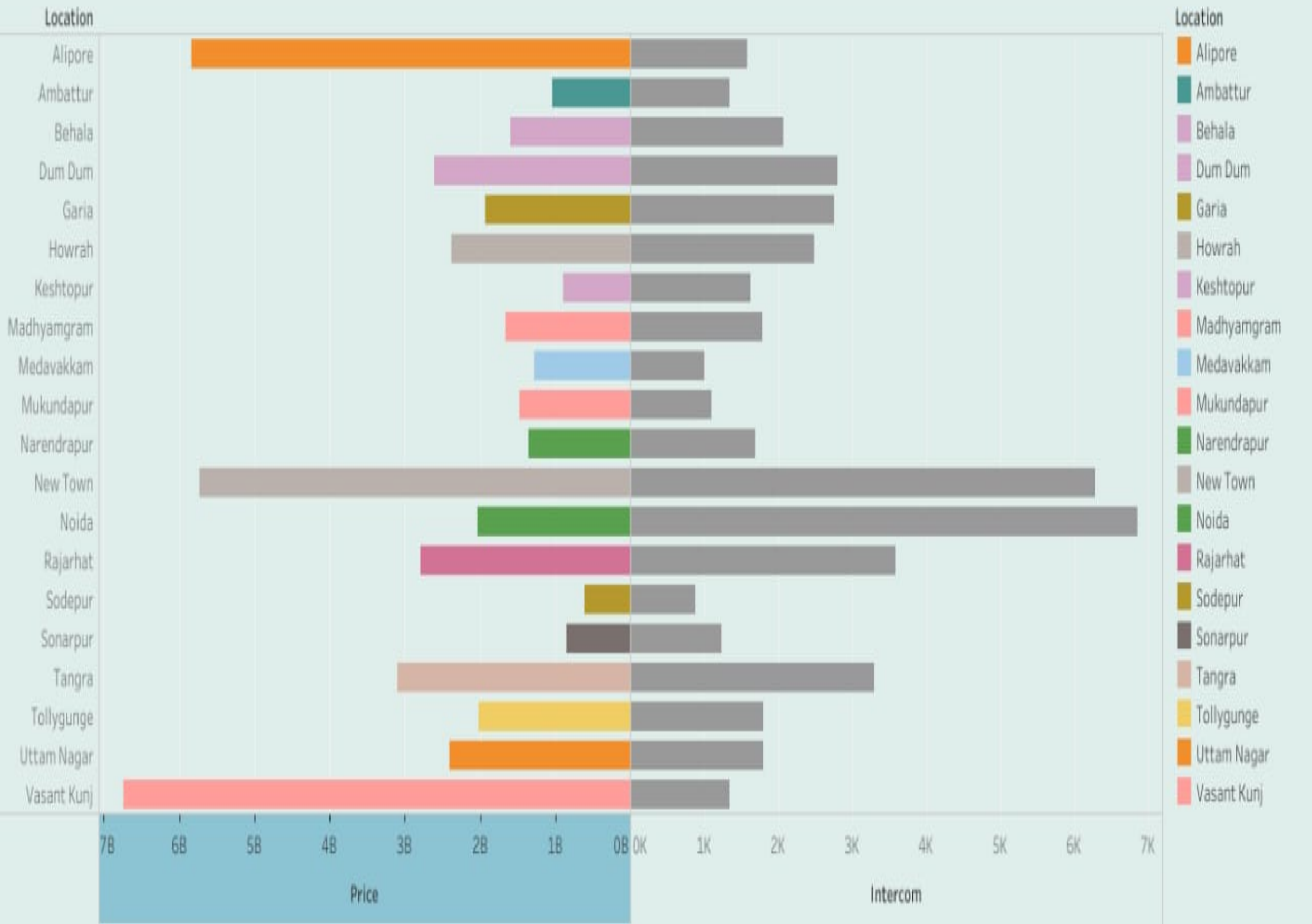
Hospitals And Schools Near The Houses



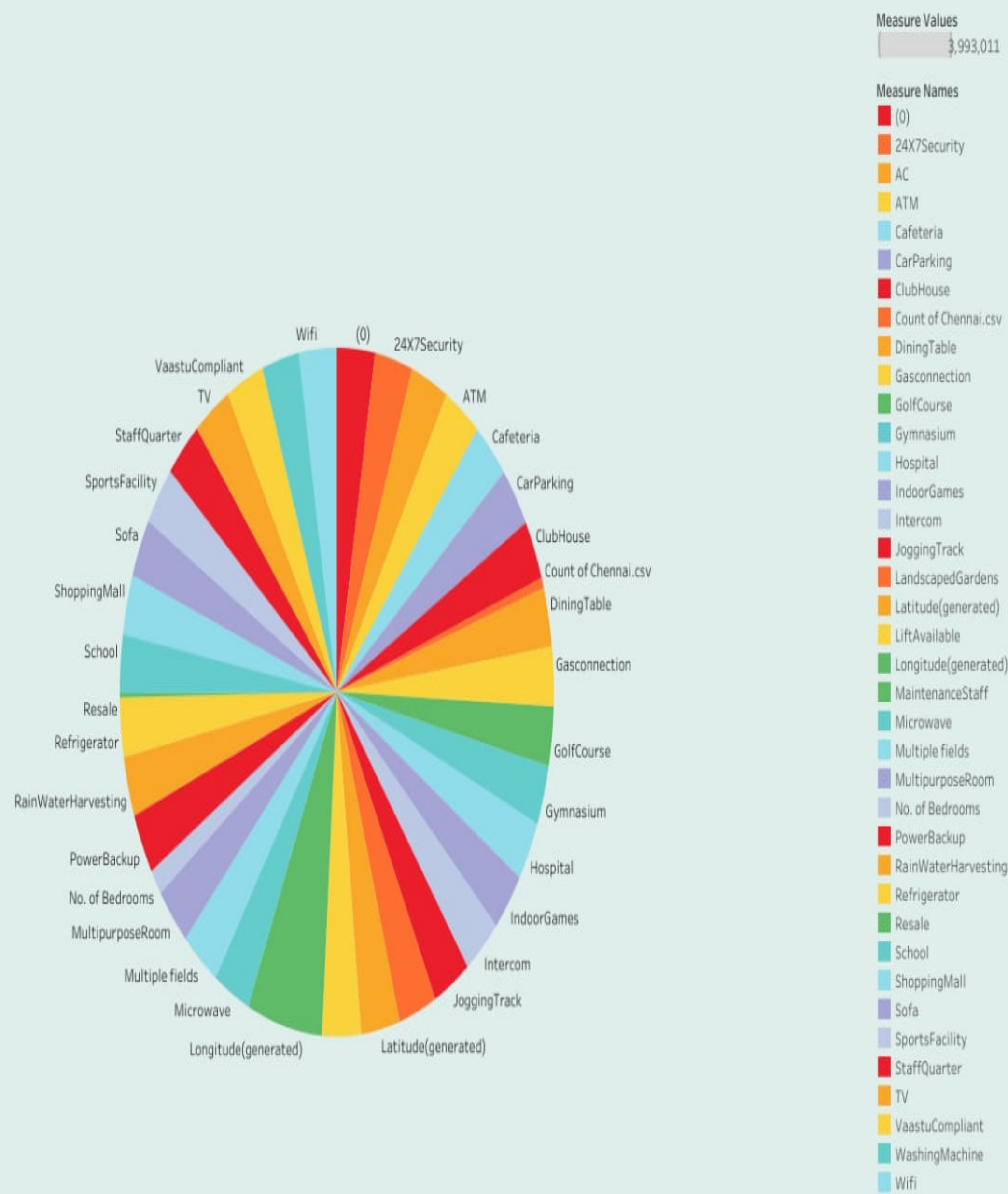
Maintains Staff In Houses Prices



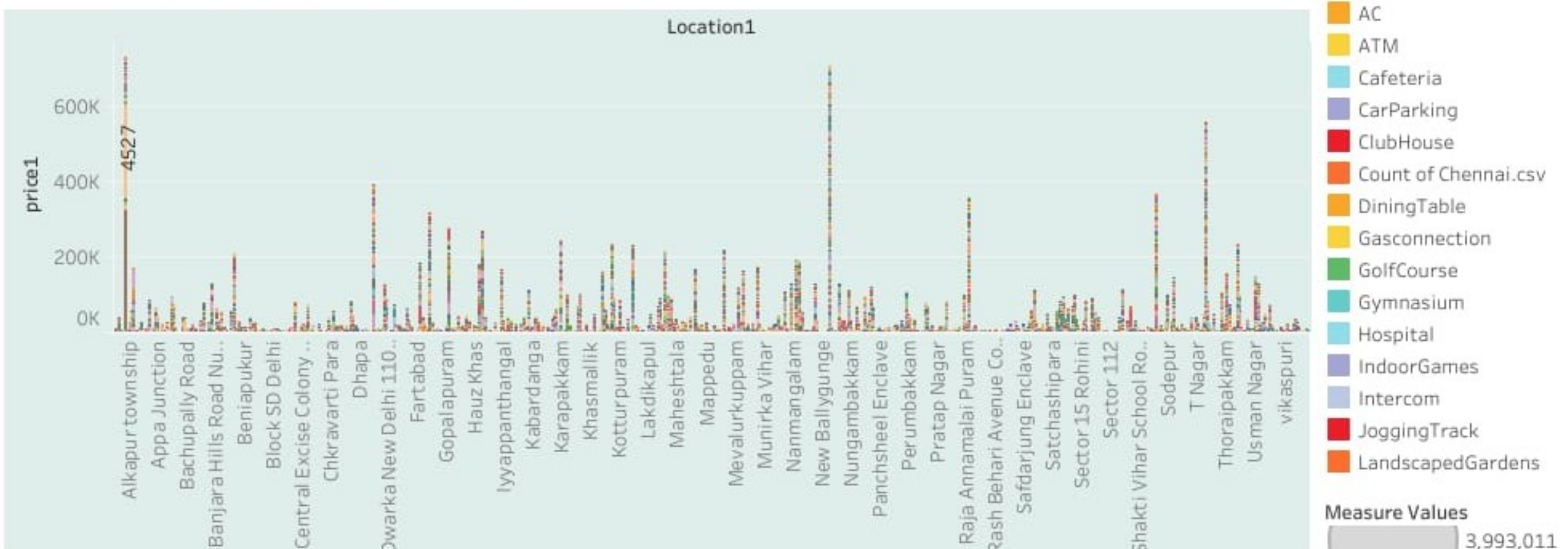
House Price And Intercom



All Services Based On Locations



House Price Based On Number Of Bedrooms



4.ADVANTAGES AND DISADVANTAGES

4.1 ADVANTAGES:

- ▶ Build equality which can be borrowed against if necessary.
- ▶ Pride is ownership.
- ▶ Feed more comfortable and leave more privacy.
- ▶ Potential for property to increase in value.
- ▶ May be able to case for other wants or needs is renting a less expensive apartment.
- ▶ Limited financial obligation.
- ▶ Limited maintenance expenses.

4.2 DISADVANTAGE:

- ▶ **No equity growth or store of value.**
 - ▶ **Lifestyle limitations (e.g., pets, smoking).**
 - ▶ **Substantial financial obligation. Significance annual expenses.**
 - ▶ **Less liquidity. Department on subjective assumptions about House hold expenditure.**
 - ▶ **More onerous data requirements than ratio measure.**
- Complex and time-consuming.**

5.APPLICATION

Property prices in India are expected to increase 7.5% on a pan-India

basis this year, the fastest growth in five years, according to a Reuters

poll of property analysts. Average house prices were forecast to rise

6% next year and in 2024. The poll of 13 property analysts were held during May 11-27.

6. CONCLUSION

The luxury housing segment in India's major cities is experiencing a significant boom due to rising incomes and aspirations. The luxury real estate market is seeing a surge in new residential projects, with prices ranging from Rs 2-3 crore to as high as Rs 12-15 crore.

7. FUTURE SCOPE:

The residential real estate market in India is predicted to rise positively in 2023, with a capital value increase of more than 6%. For example, reduced premium charges and stamp duty will assist significantly in this increase.

