ANALYSING HOUSING PRICES IN METROPOLITAN AREAS OF INDIA





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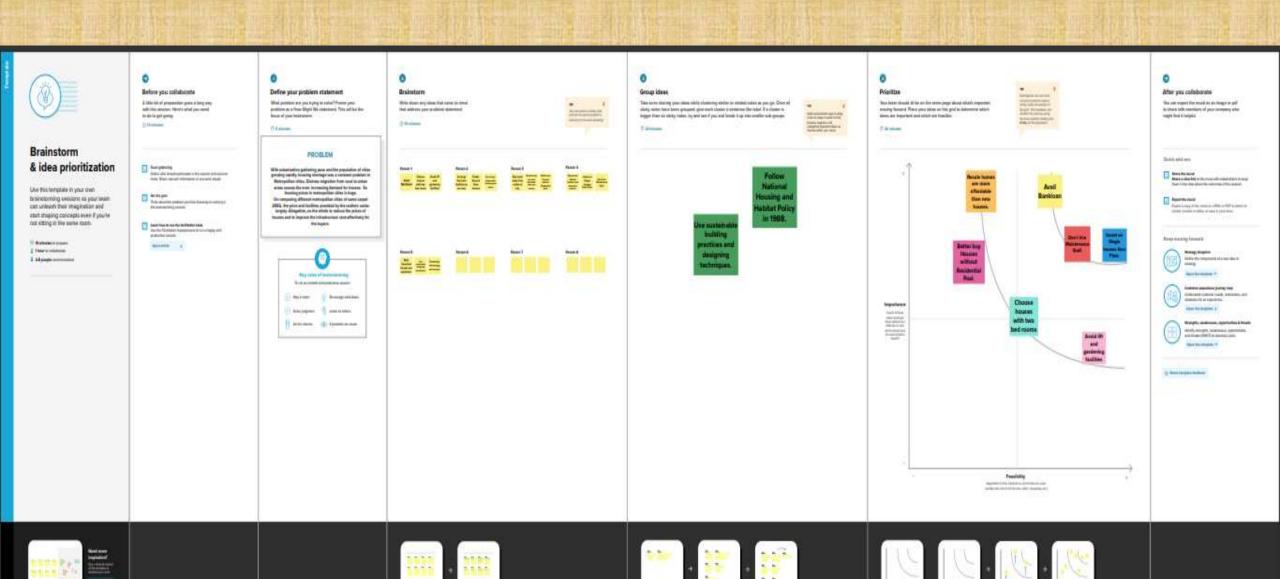
INTRODUCTION:

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. 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 fastpaced real estate market.

EMPATHY MAP



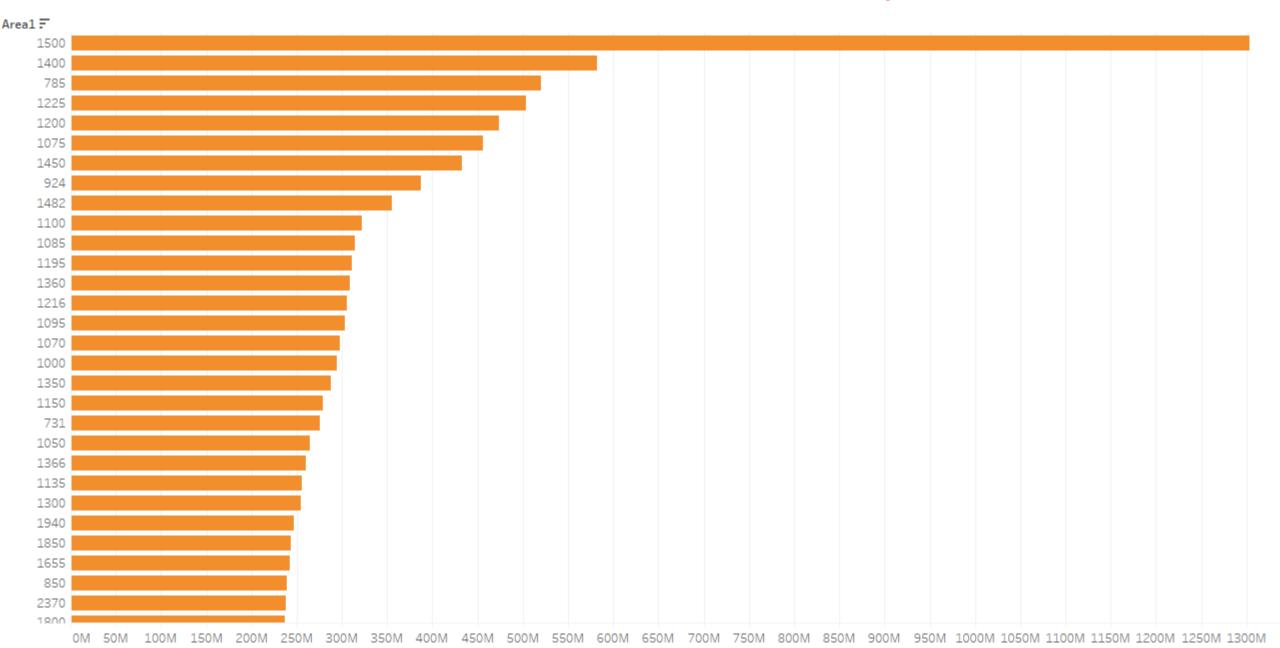
BRAINSTORMING AND IDEA PRIORITIZATION MAP

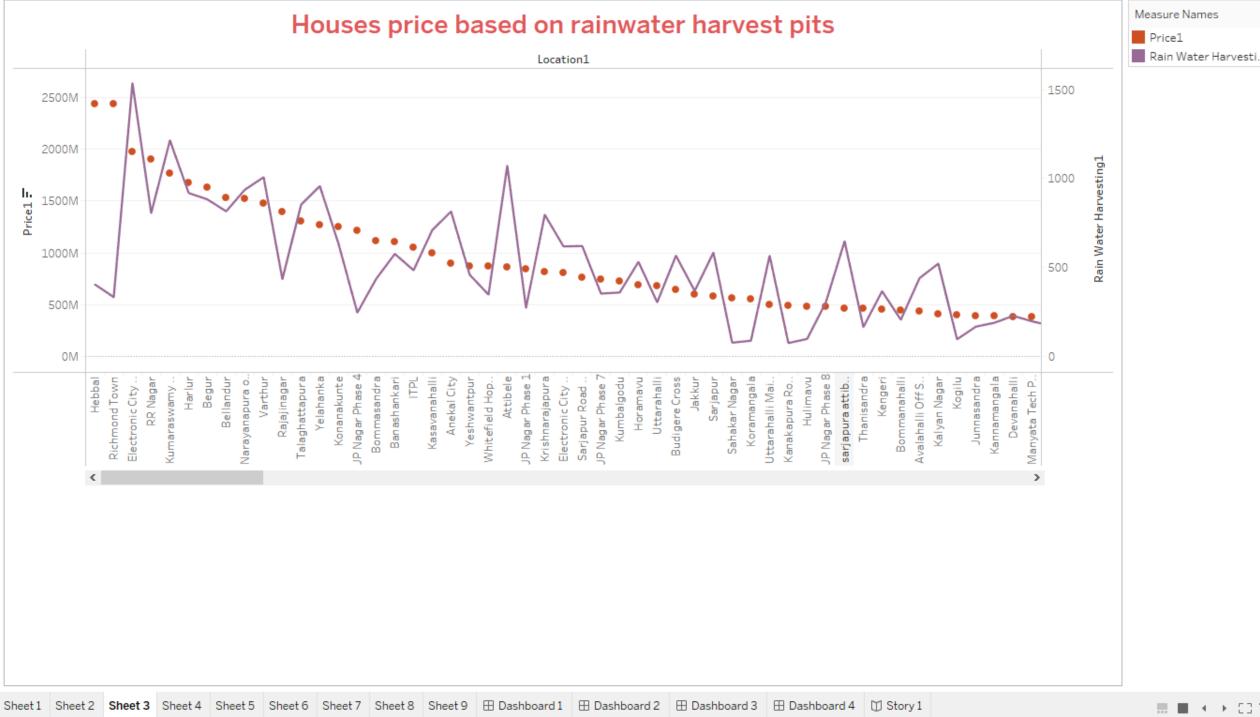


Latitude and Longitude based on Location



Number of houses based on area in sqf





Measure Names

Vastu-complains based on location

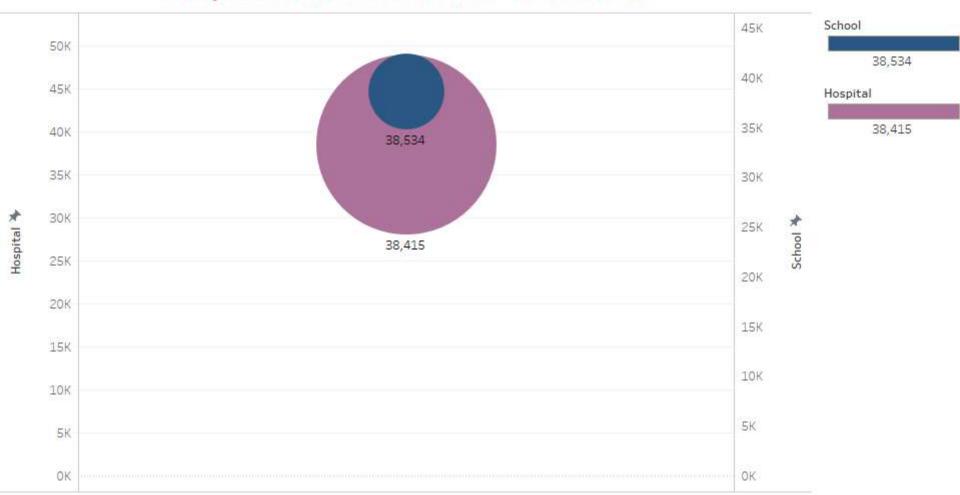
1,521

Electronic City Phase 2	Harlur	Kasavanahalli		Kalyan Nagar	ITPL	-				Vaast 0	tu Comp	liant
	Begur	sarjapura attibele road	Hebbal		JP		JP		JP			
Kumaraswamy Layout		Vl	Jakkur									
	Talaghattapura	Konanakunte	Jakkur									
Attibele		Sarjapur Road Wipro To	Kengeri					Н				
	Anekal City											
Varthur		Electronic City Phase 1										
vartnur	Bellandur	City Phase 1										
		Banashankari	Hennur									
Yelahanka	RR Nagar											
		Budigere Cross										
Narayanapura on Hennur Main Road	Krishnarajapura	Sarjapur										

Location 1. Color shows sum of Vaastu Compliant. Size shows sum of Vaastu Compliant. The marks are labeled by Location 1. The view is filtered on Location 1, which keeps 302 of 302 members.





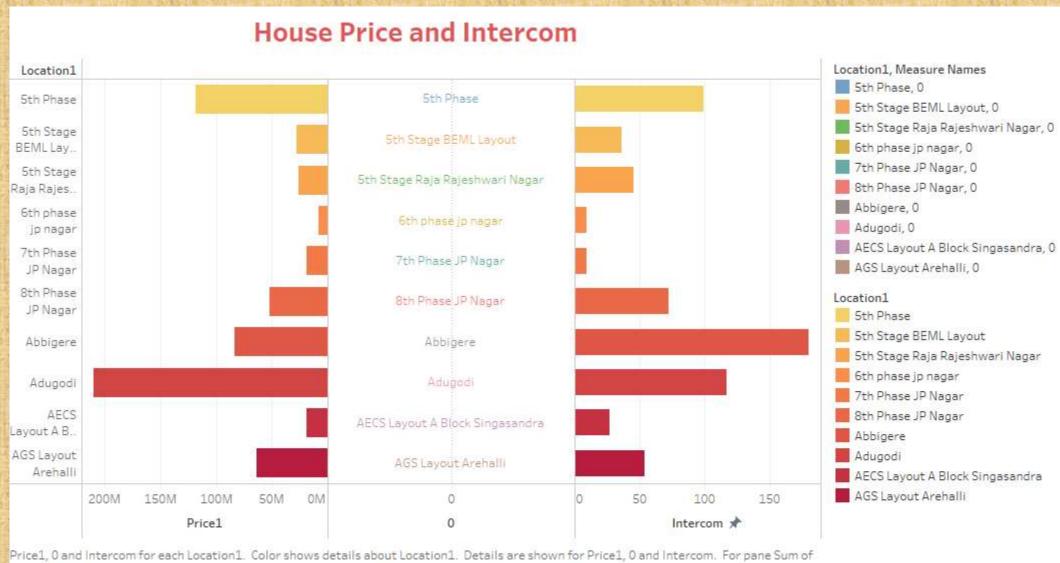


Sum of Hospital and sum of School. For pane Sum of School: Color shows sum of School. The marks are labeled by sum of School. For pane Sum of Hospital: Color shows sum of Hospital. The marks are labeled by sum of Hospital. The data is filtered on Price1 and Location1. The Price1 filter ranges from 2000000 to 300000000. The Location1 filter keeps 302 of 302 members.





Maintenance Staff and Price1. Color shows details about Maintenance Staff and Price1. For pane Sum of Maintenance Staff: The marks are labeled by Maintenance Staff. For pane Sum of Price1: The marks are labeled by sum of Price1. The data is filtered on Maintenance Staff, which ranges from 0 to 9.



Price1, 0 and Intercom for each Location1. Color shows details about Location1. Details are shown for Price1, 0 and Intercom. For pane Sum of 0: Color shows details about Location1, Price1, 0 and Intercom. The view is filtered on Location1, which keeps 10 of 302 members.

All Services based on Locations

Measure Values

Measure Names 24X7Security

AC

ATM BED

Cafeteria
Car Parking

Club House

Dining Table
Gasconnection
Golf Course

Gymnasium
Hospital
Indoor Games

Intercom
Jogging Track

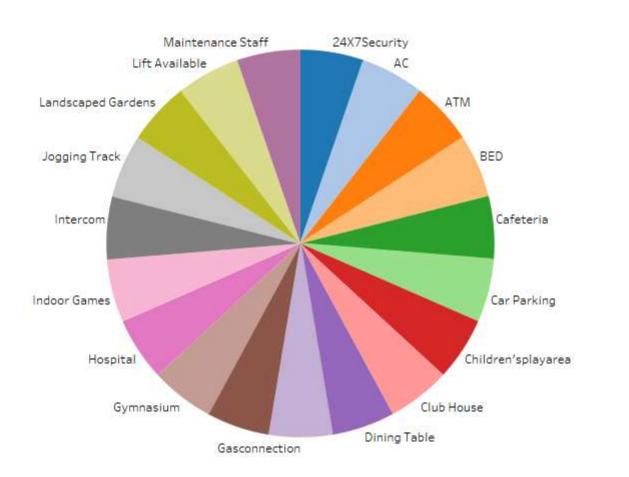
Landscaped Gardens

Lift Available

Maintenance Staff

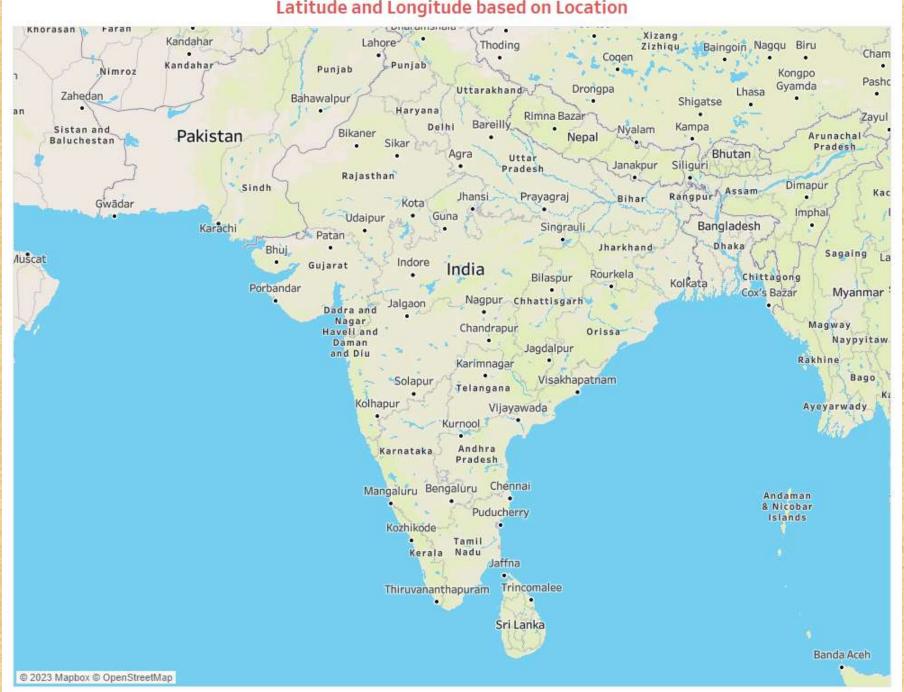
Children'splayarea

171.000

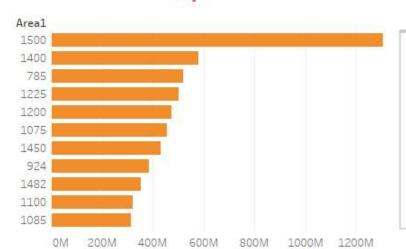


24X7Security, AC, ATM, BED, Cafeteria, Car Parking, Children'splayarea, Club House, Dining Table, Gasconnection, Golf Course, Gymnasium, Hospital, Indoor Games, Intercom, Jogging Track, Landscaped Gardens, Lift Available and Maintenance Staff. Color shows details about 24X7Security, AC, ATM, BED, Cafeteria, Car Parking, Children'splayarea, Club House, Dining Table, Gasconnection, Golf Course, Gymnasium, Hospital, Indoor Games, Intercom, Jogging Track, Landscaped Gardens, Lift Available and Maintenance Staff. Size shows 24X7Security, AC, ATM, BED, Cafeteria, Car Parking, Children'splayarea, Club House, Dining Table, Gasconnection, Golf Course, Gymnasium, Hospital, Indoor Games, Intercom, Jogging Track, Landscaped Gardens, Lift Available and Maintenance Staff. The marks are labeled by 24X7Security, AC, ATM, BED, Cafeteria, Car Parking, Children'splayarea, Club House, Dining Table, Gasconnection, Golf Course, Gymnasium, Hospital, Indoor Games, Intercom, Jogging Track, Landscaped Gardens, Lift Available and Maintenance Staff. The data is filtered on Location1, which keeps Dwaraka Nagar.

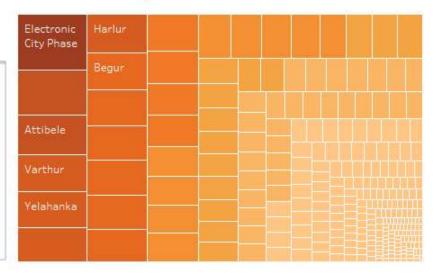
Latitude and Longitude based on Location



Number of houses based on area in sqf

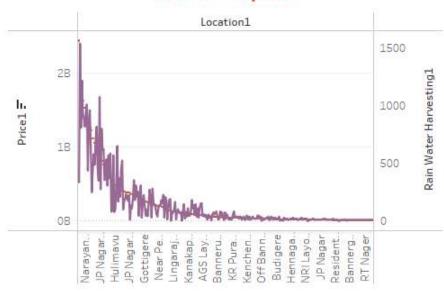


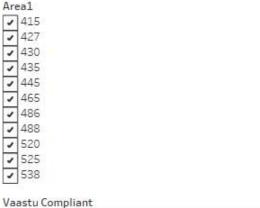
Vastu-complains based on location



Houses price based on rainwater harvest pits

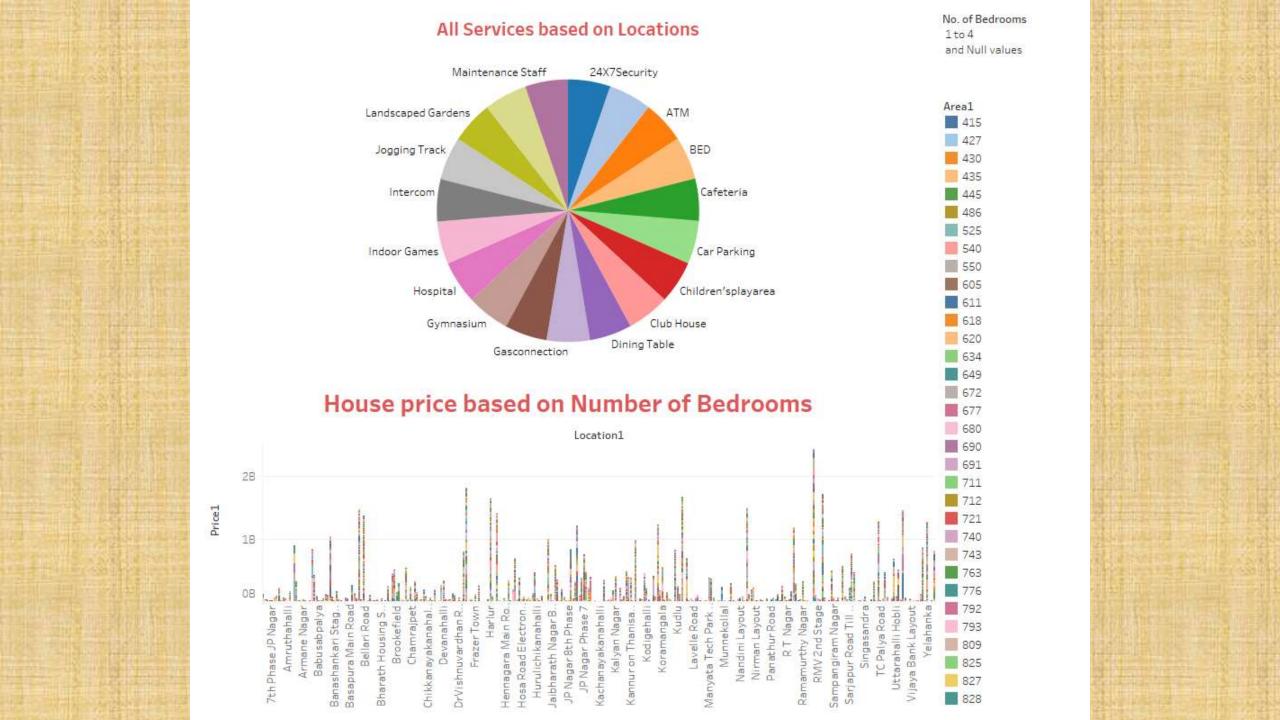
Price1 =

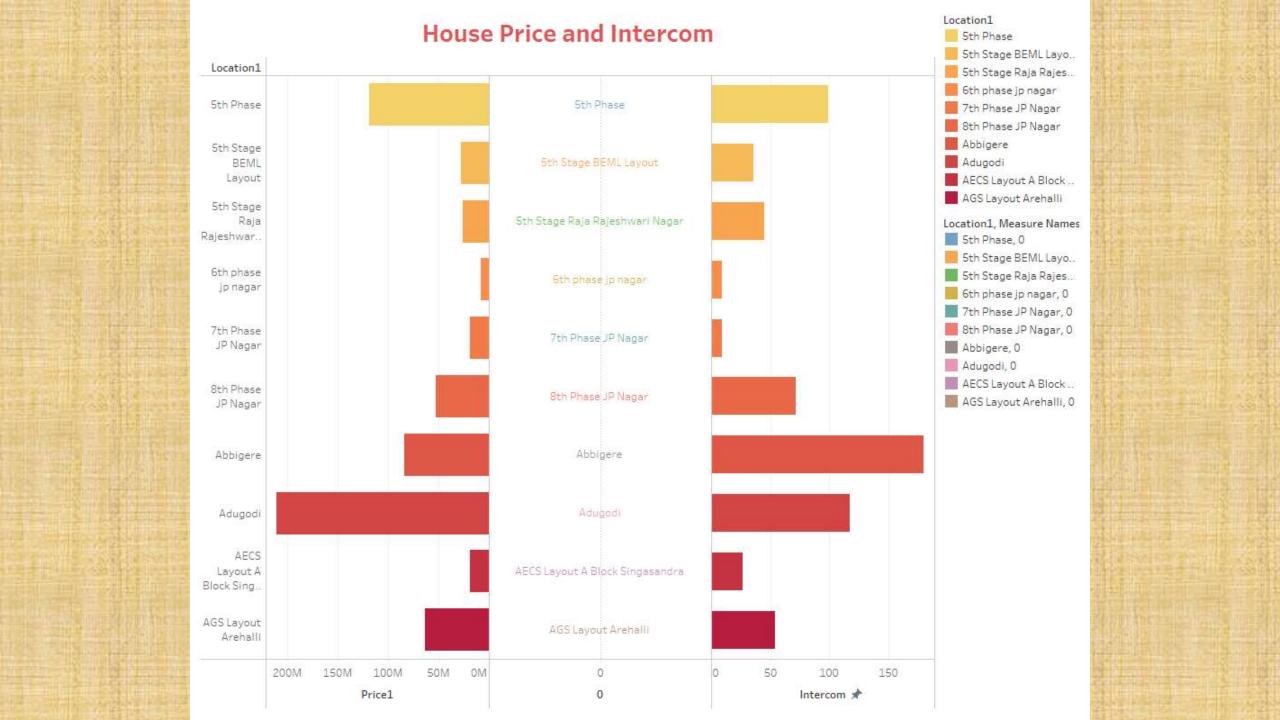






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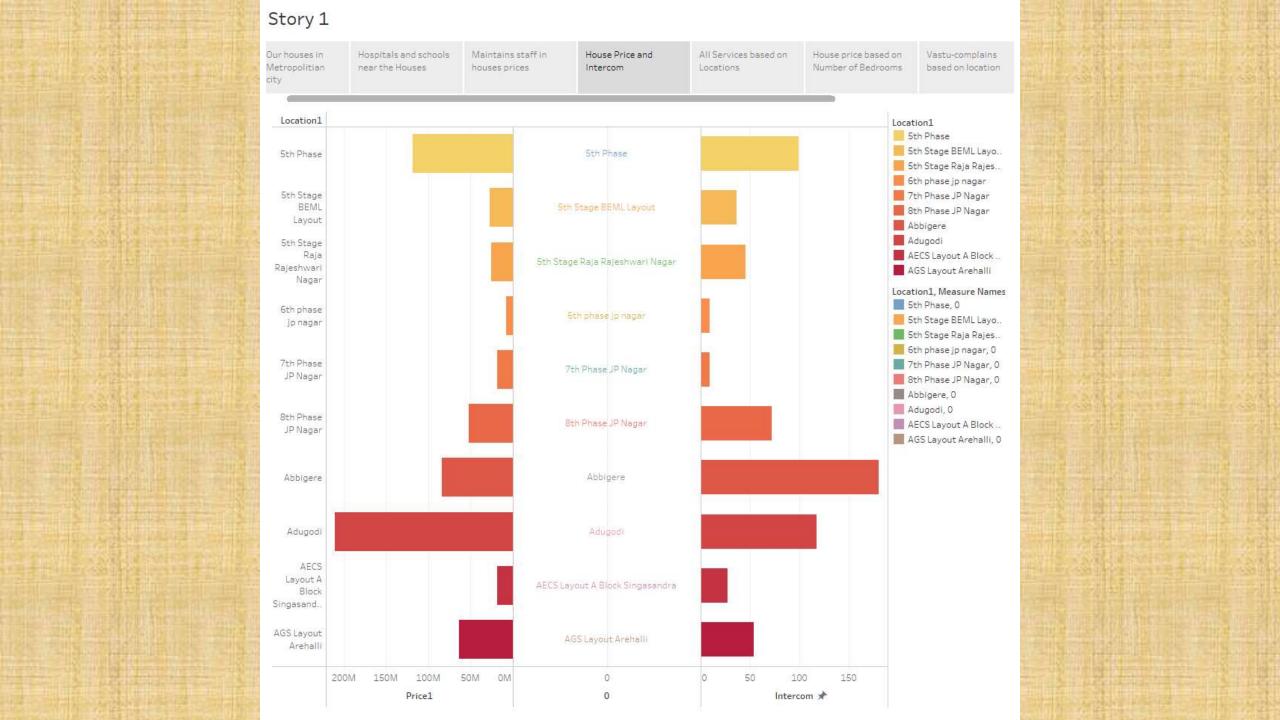




Story 1 Our houses in Maintains staff in House Price and All Services based on House price based on Hospitals and schools Vastu-Number of Bedrooms Metropolitian city near the Houses houses prices Intercom Locations complains based on loc. Location1 Kabul 5th Phase Islamabad Afghanistan 5th Stage BEML Layo... Khost Shuanghu Birjand 5th Stage Raja Rajes... Tarinkot Gertse 6th phase jp nagar Lahore Cham 7th Phase JP Nagar Cogen Chandigarh Kongpo 8th Phase JP Nagar Quetta Lhasa Gyamda Drongpa Abbigere Zahedan Bahawalpur Shigatse Adugodi Bareilly Bikaner Pakistan AECS Layout A Block ... Nepal Bhutan AGS Layout Arehalli Jaipur Lucknow Jodhpur Gwalior Guwahati Akshayanagar Patna Prayagraj Hyderabad Amruthahalli Gwädar Impha Anagalapura Near He.. Karachi Bangladesh Ananth Nagar Ranchi Ahmedabad luscat Dhaka Indore Anekal City India Porbandar Kolkata Anjanapura Cox's Bazar Myanmar Raipur Nagpur Anjanapura Township Cuttack Nay Pyi Tay Annapurneshwari Na... Mumbai Armane Nagar Ashok Nagar Visakhapatnam Hyderabad Ashoka Road Yangon Ashwathkatte Road Belagavi Attibele Ballari Avalahalli Off Sarjap.. Babusa Palya Bengaluru Chennai Babusabpalya Port Blair Badamanavarthekaval Bagalur Madurai Bagaluru Bagaluru Near Yelaha... Banashankari Sri Lanka Banashankari 5th sta.. Banda Aceh Banashankari Stage III Banaswadi Bangalore Road Maldives ■ Bannerghatta Bannerghatta Main R., Bannerghatta Road Ji... © 2023 Mapbox © OpenStreetMap Rannaminhatta

Story 1 Our houses in Hospitals and schools Maintains staff in House Price and All Services based on House price based on Vastu-Metropolitian city Number of Bedrooms complains near the Houses Locations houses prices Intercom based on loc.. Price1 -45K 2000000 to 300000000 50K Hospital -40K 38,415 45K School 38,534 38,534 -35K 40K 35K -30K 38,415 30K -25K Hospital 🤻 25K -20K 20K -15K 15K -10K 10K -5K 5K 0K -0K

Story 1 Our houses in Hospitals and schools Maintains staff in House Price and All Services based on House price based on Vastu-Metropolitian city Number of Bedrooms complains near the Houses Locations houses prices Intercom based on loc. 45K Measure Names 70B Maintenance Staff Price1 65B 40K 65,70,17,45,652 60B 35K 55B 38,538 50B 30K 45B Maintenance Staff No. 20K 40B Price1 30B 25B 15K 20B 10K 15B 10B 58 OK OB



Story 1 Maintains staff in House Price and All Services based on Hospitals and House price based on Vastu-complains based Houses price based Number of Bedrooms Locations schools near the houses prices Intercom on location on rainwater Houses harvest pits Location1 5th Phase 5th Stage BEML Layout 5th Stage Raja Rajesh.. Maintenance Staff 24X7Security 6th phase jp nagar 7th Phase JP Nagar Lift Available AC 8th Phase JP Nagar Abbigere Adugodi AECS Layout A Block S., Landscaped Gardens MTA AGS Layout Arehalli Akshayanagar Amruthahalli Anagalapura Near He.. Jogging Track BED Measure Names **✓** 24X7Security ✓ AC ✓ ATM Area1 **✓** BED Intercom Cafeteria Cafeteria ✓ Car Parking ✓ Children'splayarea ✓ Club House Count of Bangalore (1) ✓ Dining Table Gasconnection ✓ Golf Course Indoor Games Car Parking Measure Names 24X7Security AC MTA Hospital Children'splayarea BED Cafeteria Car Parking Children'splayarea Gymnasium Club House Club House Dining Table Golf Course Dining Table Gasconnection Gasconnection Golf Course Measure Values 171.000

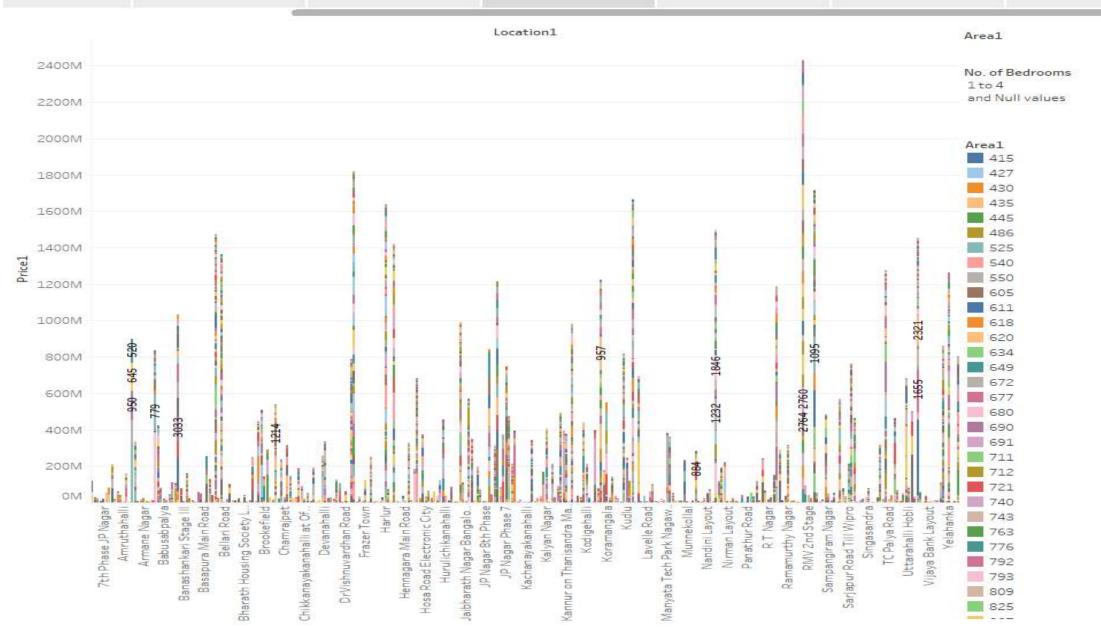
Story 1

Maintains staff in houses prices

House Price and Intercom All Services based on Locations House price based on Number of Bedrooms Vastu-complains based on location

Houses price based on rainwater harvest pits

Number of houses based on area in sqf





Story 1

Maintains staff in houses prices

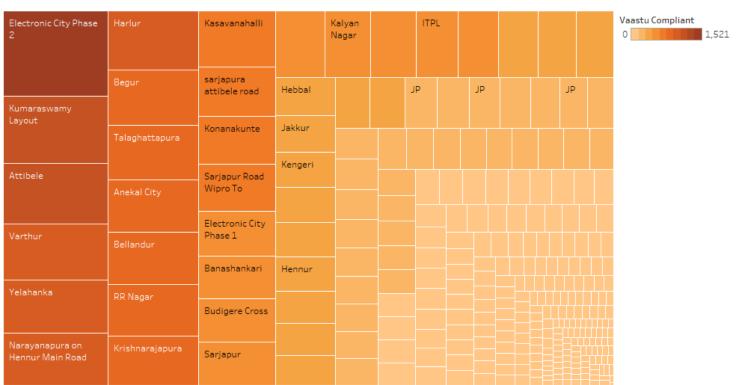
House Price and Intercom

All Services based on Locations

House price based on Number of Bedrooms Vastu-complains based on location

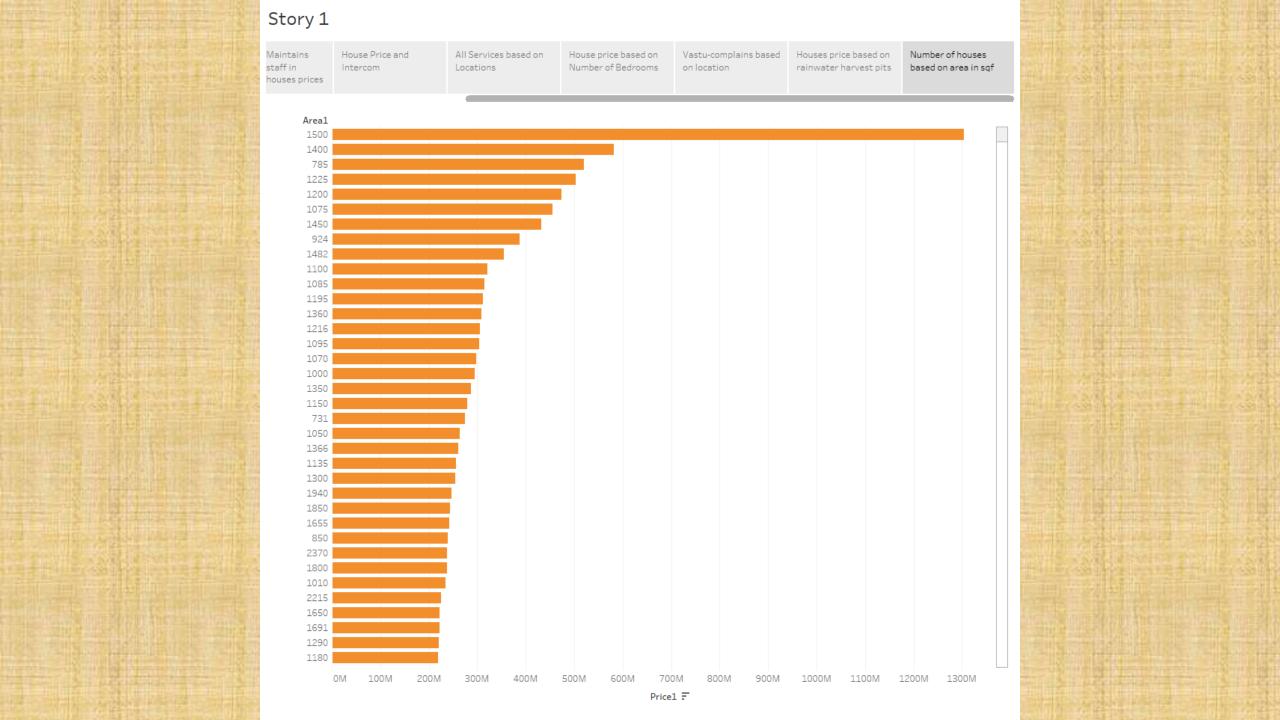
Houses price based on Number of houses rainwater harvest pits

based on area in sqf





Story 1 Maintains House Price and All Services based on House price based on Vastu-complains based Houses price based on Number of houses staff in Number of Bedrooms Locations based on area in sqf Intercom on location rainwater harvest pits houses prices Location1 Measure Names 1600 Price1 2500M Rain Water Harvestin.. 1400 1200 2000M 1000 Price 1 1500M 800 600 1000M 500M 200 OM 0



RESULTS AND DISCUSSIONS:

We have studied the housing prices in metropolitan areas of India by creating Charts

- Empathy map
- Brain Storming And Idea Prioritization map
- Latitude and Longitude based on Location
- Number of houses based on area in sq ft.
- Houses price based on rainwater harvesting pits
- Vastu-complains based on location
- House price based on Number of Bedrooms
- Hospitals and schools near the Houses
- Maintains staff in houses prices
- House Price and Intercom
- All Services based on locations

