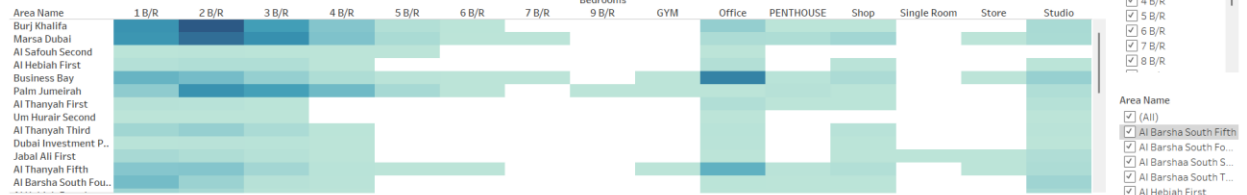


Buyer Dashboard – “Find the Best Homes for Your Budget”

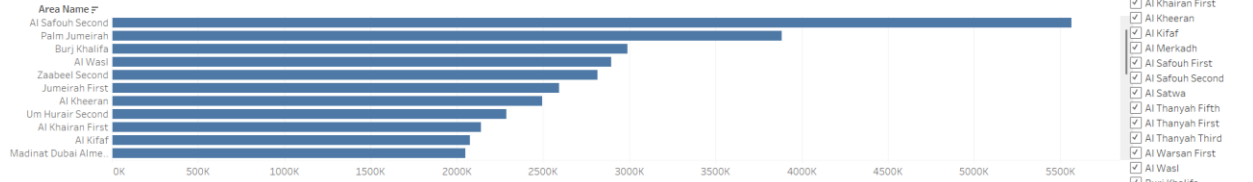
These are areas and bedroom types where ML-predicted prices are higher than actual selling prices — indicating potential deals

Total Number of Undervalued properties: 263,667

Undervalued Properties by Area and Bedroom Type



Bar Chart – Average Selling Price by Area



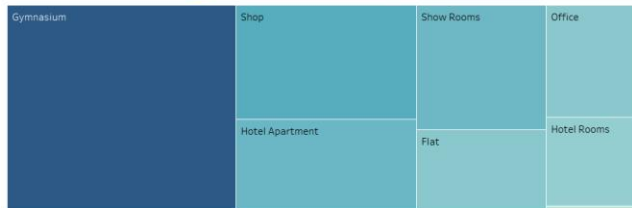
Investor Dashboard – Where to Invest for Maximum ROI

This dashboard helps investors identify undervalued market clusters and asset types based on ML-generated predicted values.

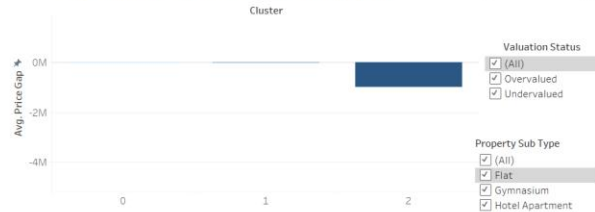
Max Predicted Property Price:- AED135,075,384

Average Price Gap:- AED 284,127

Tree Map – Properties by Sub-Type



Bar Chart – Investment Opportunity by Cluster



Scatter Plot – Actual vs Predicted Price (with Color by Cluster)



Market Overview Dashboard – “Dubai Real Estate Pulse”

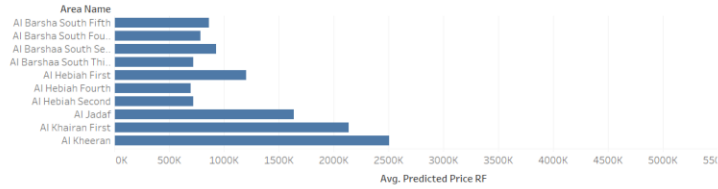
This dashboard provides a snapshot of Dubai's property market, highlighting price ranges, segment composition, and predicted valuation patterns.

Max Predicted Property Price:- AED135,075,384

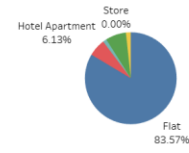
Average Price Gap:- AED 284,127

Total Number of Undervalued properties: 263,667

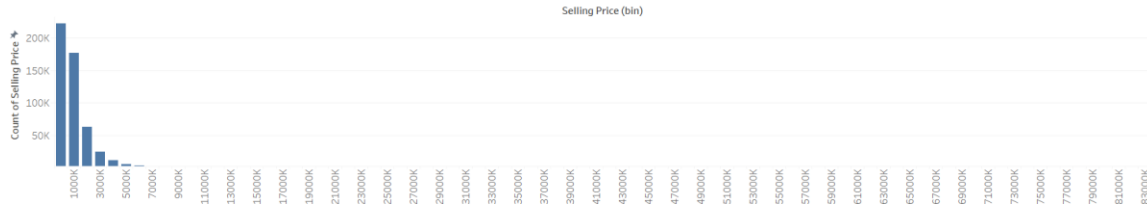
Line Chart – Predicted Price by Area



Pie – Property Sub Type Share



Histogram – Distribution of Property Prices



Property Sub Type

- ☒ (All)
- ☒ Flat
- ☒ Gymnasium
- ☒ Hotel Apartment
- ☒ Hotel Rooms
- ☒ Office
- ☒ Shop
- ☒ Show Rooms
- ☒ Store

Property Sub Type

- ☒ Flat
- ☒ Gymnasium
- ☒ Hotel Apartment
- ☒ Hotel Rooms
- ☒ Office
- ☒ Shop
- ☒ Show Rooms
- ☒ Store

Area Name

- ☒ (All)
- ☒ Al Barsha So...
- ☒ Al Barsha So...
- ☒ Al Barsha S...
- ☒ Al Barsha S...
- ☒ Al Heblah First
- ☒ Al Heblah Fo...
- ☒ Al Heblah Sec...
- ☒ Al Jadaif
- ☒ Al Khairan Fir...
- ☒ Al Kheeran
- ☒ Al Kifaf
- ☒ ...

“Find Your Advantage: Undervalued Property Insights for Buyers and Investors”

Smart Real Estate Decisions Powered by Machine Learning:-

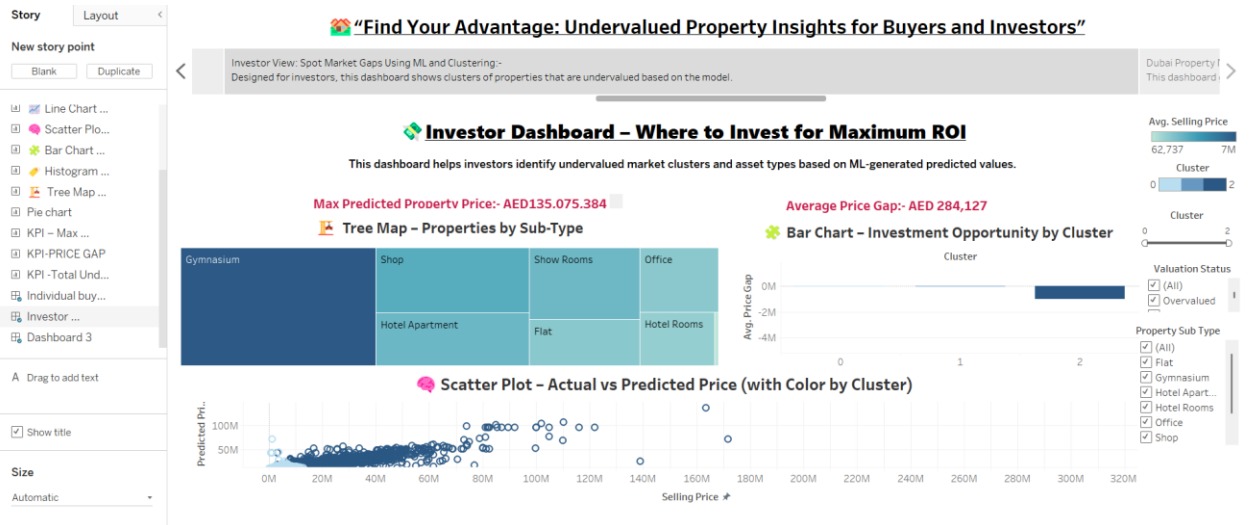
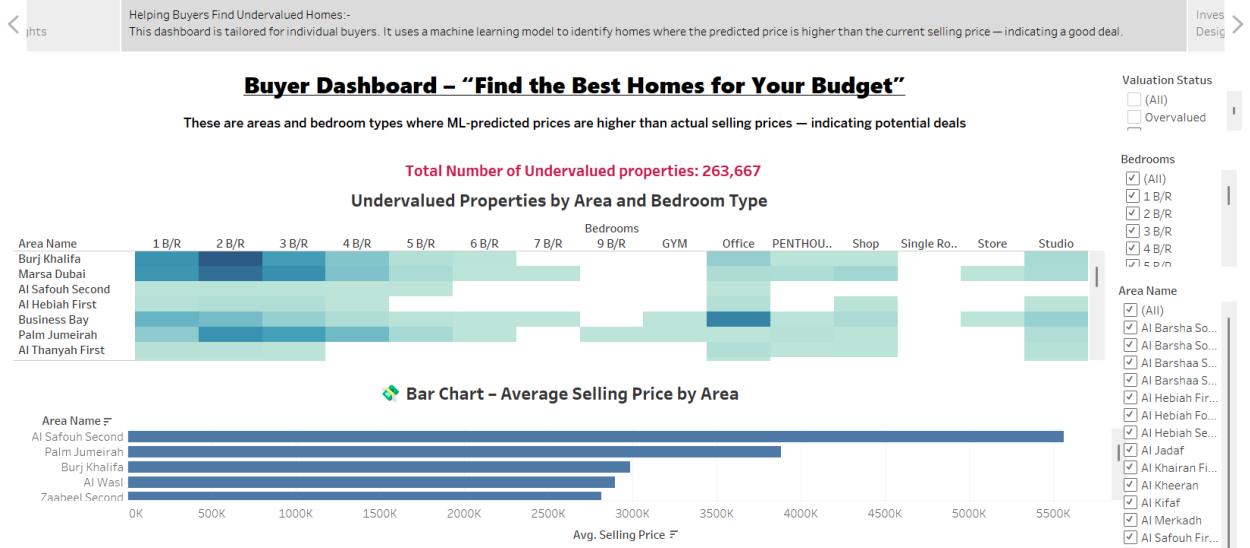
This story explores how predicted property prices (using machine learning) can help buyers and investors find undervalued properties in Dubai. Our real estate analytics system highlights

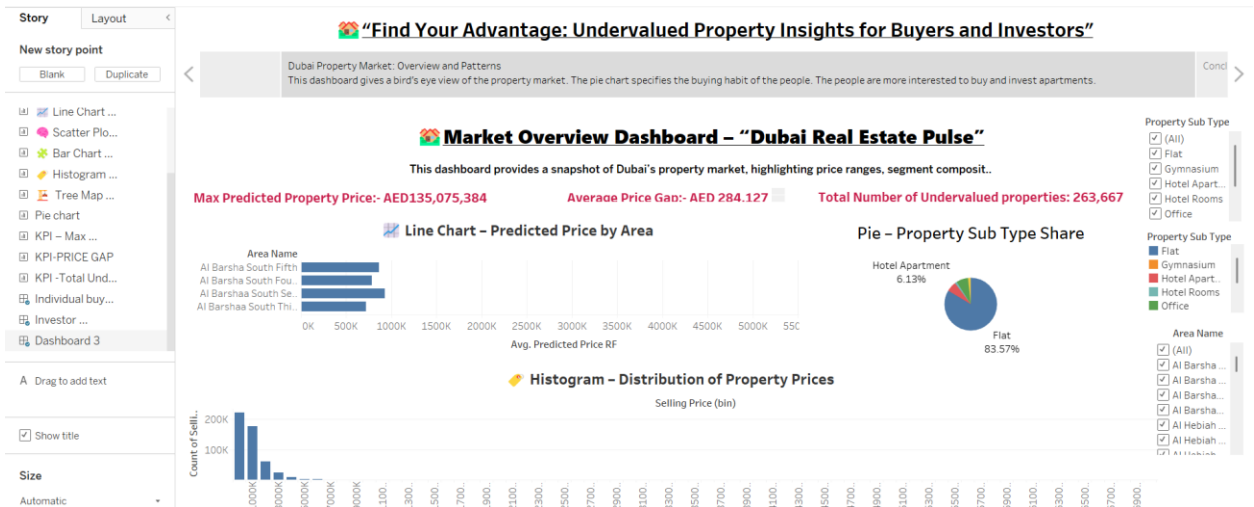
Helping Buyers Find Un

This dashboard is tailor

Welcome to our ML-powered real estate analytics project. In this Tableau story, you'll see how we combined machine learning and interactive dashboards to help buyers and investors make smarter property decisions in Dubai.

“Find Your Advantage: Undervalued Property Insights for Buyers and Investors”





“Find Your Advantage: Undervalued Property Insights for Buyers and Investors”

ts. Conclusion

Conclusion & Data-Driven Recommendations

- ✓ Buyers should focus on 2–3 B/R listings in Al Jaddaf, Business Bay, and Dubai Marina — undervalued by AED 300K–1M.
- ✓ Investors can target Cluster 2 and Cluster 4, where properties are undervalued by up to 12%.
- ✓ High-end sub-types like gym and studio are often overpriced — caution advised.

This project demonstrates how ML + Tableau storytelling can unlock hidden opportunities in the real estate market.