HOUSE MARKET ANALYSIS

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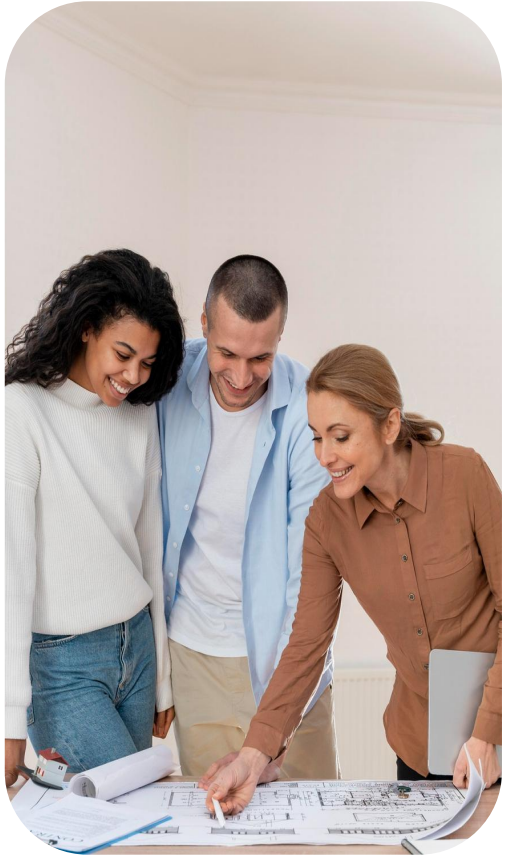


Business Understanding

Business Understanding

It is crucial for different groups of people to understand the real estate market, including real estate brokers, property investors, government organizations, and financial institutions.

Problem Statement

Identify essential information, such as median house prices, rental prices, and price-to-rent ratios, to assist both buyers and sellers in making informed real estate decisions.

Overview

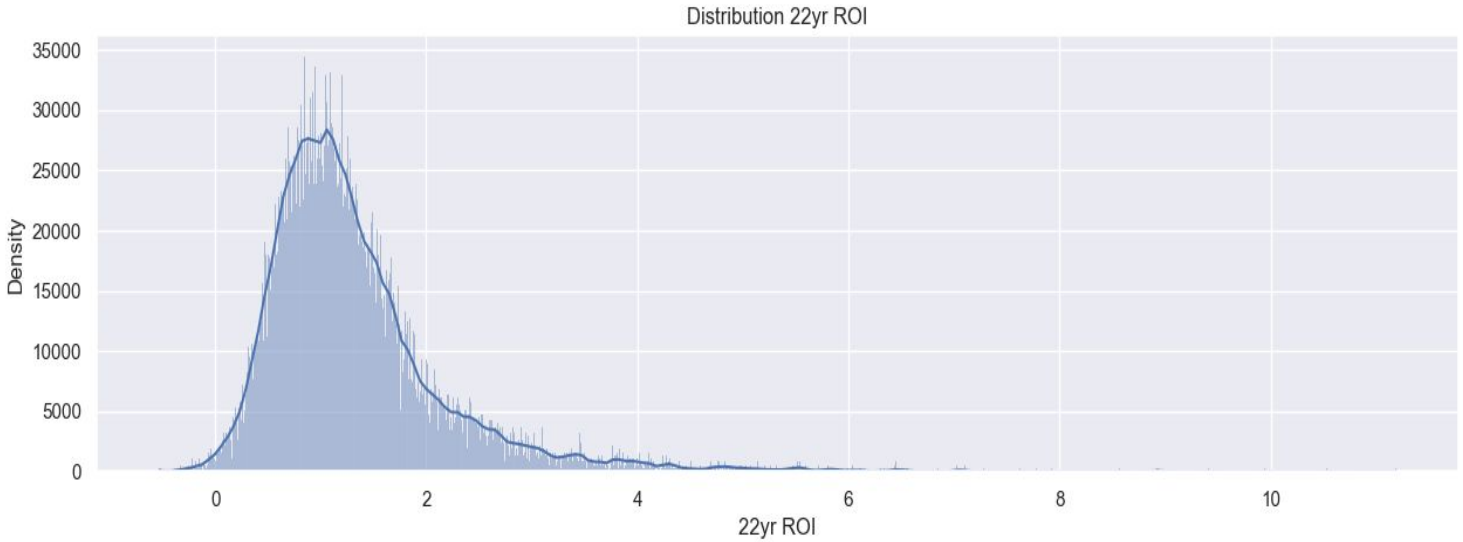
The Zillow data represents the real estate market in the United States, where real estate agencies anticipate home prices based on a variety of factors. Identifying real estate investment prospects.
Investigating regional differences in property values.
Considering the effect of economic conditions on the real estate market.

Business Objectives

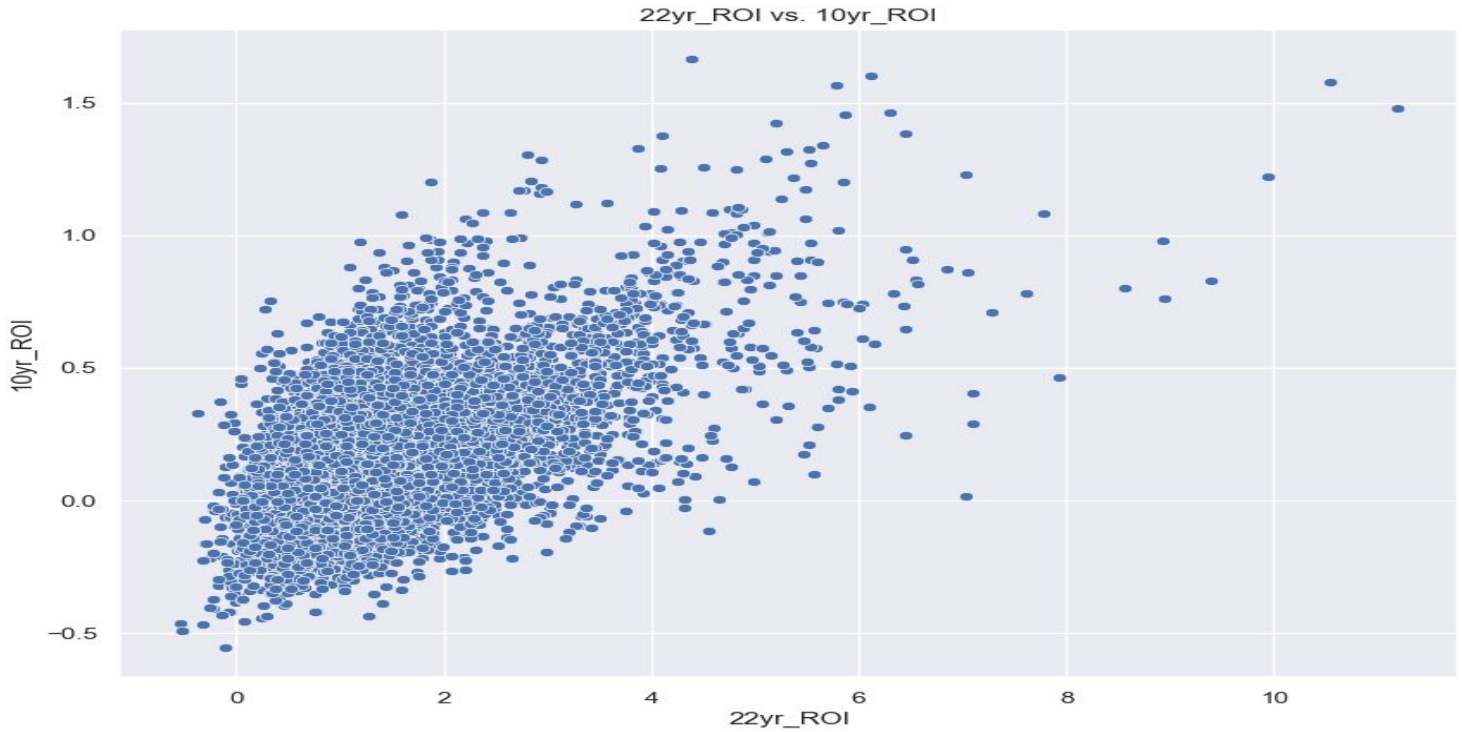
The Zillow Real Estate Dataset assists with a variety of real estate-related business objectives, such as property assessment, investment analysis, market research, and decision-making, making it a significant resource for industry stakeholders.

Exploratory Data Analysis

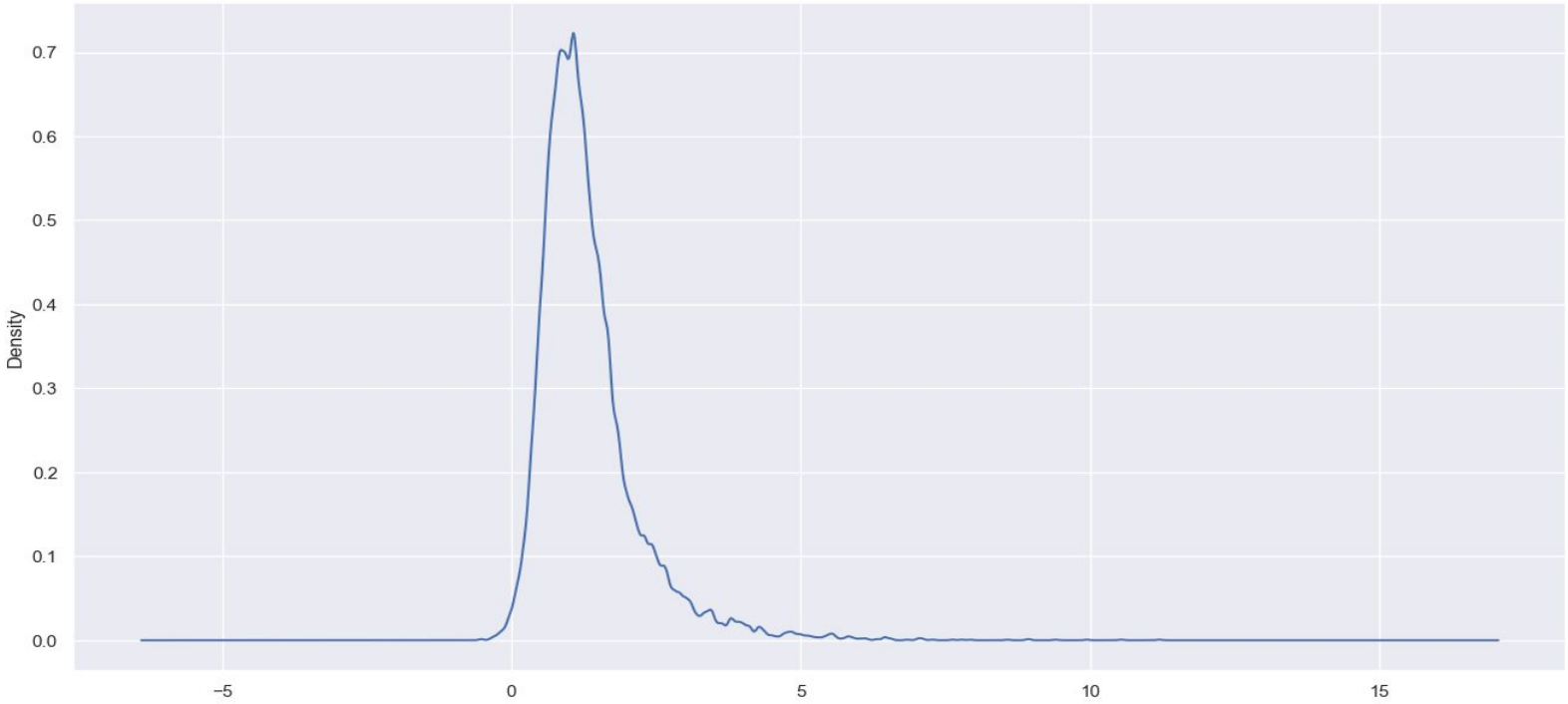
- **Univariate Analysis**



- **Bivariate Analysis**



Time series EDA



Conclusion

- The model generated useful predictions for the region's median dwelling price.

- House costs vary depending on where you live in the region. The median price of a home in a high-ranking region is high.

Recommendations

- Due to the lowering of real estate prices in the near future, sell at a discount to boost house sales over the following few years.

- More data with social features, such as schools and hospitals, would be more useful in advising the customer depending on the housing amenities they seek.