

Real estate market analysis in California

Overview:

Real estate is a significant asset class, with investments ranging from residential properties to commercial buildings, industrial facilities, and undeveloped land. The real estate market is dynamic and impacted by factors such as economic conditions, demographics, and government policies. With the increase in interest rate and house prices, an analysis of real estate market will highlight school and neighborhood characteristics across the state of California.

Goals: questions to address in this study

Display the following characteristics in the map by zipcodes:

Property:

- Property median prices (2021) - Armann Andaya

Neighborhood

- Demographics - Katejoe Akabogu
- Crime rates - Terry Goins
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School

- School Ratings & test scores - Kyra Achee
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Resources to leverage:

<https://simplemaps.com/data/us-zips> - source for zip code coordinates

<https://data.census.gov/> - US census data for various real estate related metrics

- Will be leverage attom data solution to make API calls to get the real estate data that is need for this project.
- The dataset spans a three year time frame, starting from 2021 to year to date.

Breakdown of task:

Each team member will go through this tasks as we perform analysis to address the real estate market characteristics mentioned above.

- Data Retrieval
- Data cleaning
- Storing data
- Analysis

