

Project 3 Group 7 Proposal

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Why this Dataset? We wanted to explore historical data that would show us the housing market values in Austin, TX. Our group was interested in evaluating the housing market values for first-time buyers as well as seeing the trends for those on the seller's side.

A. What is your dataset:

1. Austin, TX House Listings

<https://www.kaggle.com/datasets/ericpierce/austinhousingprices>

B. Inspiration:

1. <https://www.kaggle.com/code/titanslayer2746/house-prices-prediction>
2. <https://www.kaggle.com/code/qianhuizheng/zillow-price-prediction>

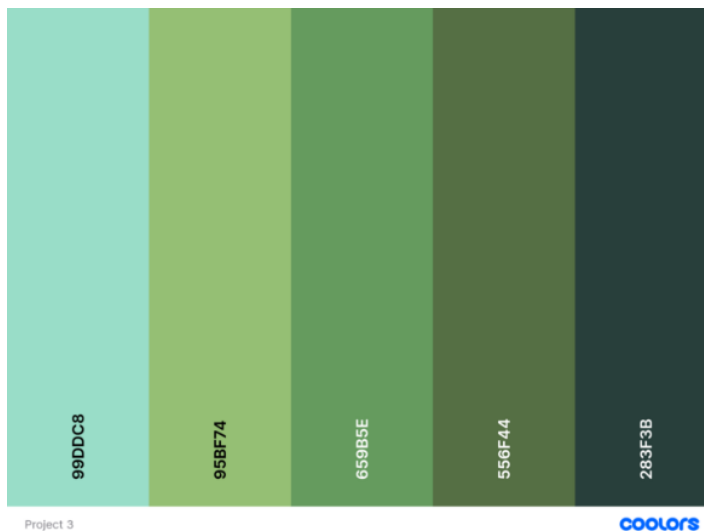
C. Possible Research Questions:

1. What is the biggest difference in home price, per School Rating, from 2018 - 2021? - Judith
2. How many homes have Homeowner Associations per Year Built? -Neyda
3. How many sales per Home Type? -Robert
4. Which cities have had the most sales per Home Type? -Sierra

D. Possible Visualizations:

1. Line graph – home price per school rating
2. Pie chart – HOA per Year Built
3. Bar graph – Sales per home type
4. Map – Most sales per home type

E. Color Theme: <https://coolors.co/99ddc8-95bf74-659b5e-556f44-283f3b>



F. Roles & Responsibilities:

1. Data Cleaning: All
2. Load Notebook – Sierra
3. Flask – All
4. Visualizations – Neyda, Robert, & Judith
5. Map – Sierra
6. Powerpoint – All / Neyda
7. Write up – All / Judith

G. Links:

1. Link to GitHub Repository
<https://github.com/neydamorales/project-3-group-7>
2. Kaggle Dataset: Austin, TX House Listings
<https://www.kaggle.com/datasets/ericpierce/austinhousingprices>
3. Inspiration:
<https://www.kaggle.com/code/titanslayer2746/house-prices-prediction>
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