

Opportunities in the Texas Housing Markets

Miniature Enigma Analytics



Introduction & Purpose

Our Client



What Data Was Used

- Zillow Real Estate Data via [quandl.com](https://www.quandl.com/)
- Salary Data from [irs.gov](https://www.irs.gov/)
- Zip Codes / City cross-reference
- Latitude Longitude for Zip Codes
- GeoJSON for borders





Methods

SQL for Zillow Data

Pandas w/ Plotly for Analysis

Mapbox for Visualization



Outside Library

Imageio

- Used to read and write multiple image formats
-
- Used to make animated GIFs



Visualization ...

See Panel Dashboard:

http://localhost:5006/dashboard_template



General Findings

- DFW had most sustained opportunity
- Houston had peak opportunity
- 2012 was the year to buy houses



Client Feedback

