Opportunities in the Texas Housing Markets

Miniature Enigma Analytics

Introduction & Purpose

Our Client





What Data Was Used

- Zillow Real Estate Data via quandl.com
- Salary Data from irs.gov
- Zip Codes / City cross-reference
- Latitude Longitude for Zip Codes
- GeoJSON for borders



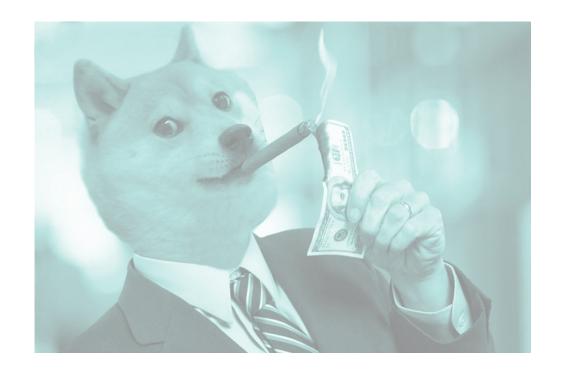


Methods

SQL for Zillow Data

Pandas w/ Plotly for Analysis

Mapbox for Visualization





Outside Library

Imageio

Used to read and write multiple image formats

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• 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