**Title:**

The Effects of Oil Price on Houston’s Real Estate Market

**Team Members:**

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**Project Description:**

We plan to analyze historical real estate prices in conjunction with oil prices dating from 2000-2018 to find any significant correlations, if any, between the two. We also plan to expand this investigation to other major cities in Texas, and the rest of the United States.

**Research Questions:**

1. How does the price of oil effect housing prices in Houston?
2. How does that correlation compare to other cities in Texas?
3. How does the correlation in Texas compare other states around the country?
4. How does the energy exposure level in Houston relate to the correlation between housing prices and oil prices?

**Data sets:**

1. FRED (Federal Reserve bank of St. Louis) historical oil price data with daily opening prices of WTI (West Texas Intermediate) in CSV form.
2. ATTOM/Zillow historical real estate pricing data API, analyzing average listing price and total number of listings among other things.

**Breakdown of Tasks:**

* Cleaning of Data – ALL
* Processing of Data – subdivided 3 ways
* MatPlotLib: All 3