**Group Project #3 - Project proposal**

**Problem desired to be solved:** ML approach to predicting housing prices given certain market conditions and economic indicators

**Type of Machine Learning:**

* Neural Network
* Clustering

**Data Sources:**

* Housing Data
  + Sale volumes - Zillow
  + Sale Prices – Zillow
  + Inventories – FRED
  + New Building Permits – ?
* Economic Data
  + Unemployment Rate/zip – IRS/Census
  + Median Income/zip – IRS/Census
  + Yield Curve (3-month and 10-year) – FRED
  + Oil Prices - EIA
* Durable Goods Orders for US - FRED

**Technology to be applied:**

* Pandas
* Tableau
* MySQL Database