**Kaggle House Price Prediction Notes**

**12/20/17**

<https://www.kaggle.com/c/house-prices-advanced-regression-techniques>

Plan for regression:

* Thorough study of factors that influence housing prices—should spend at least one full night studying this
* EDA
* Craft features based on subject matter knowledge
  + Interaction terms, etc.
* Use automated methods to select best models since we have so many variables (try multiple methods)
* Transform data as necessary to ensure the model assumptions are not violated
* Start with OLS regression
* Then, try GLM
* Then try support vector regression
* Then explore additional techniques