**Predicting House Prices in Ames, Iowa.**

Ask a home buyer to describe their dream house, and they probably won't begin with the height of the basement ceiling or the proximity to an east-west railroad. But this dataset proves that much more influences price negotiations than the number of bedrooms or a white-picket fence.

With 79 explanatory variables describing (almost) every aspect of residential homes in Ames, Iowa, this project challenges you to predict the final price of each home.

In [this folder](https://drive.google.com/drive/folders/14Nwh3mztAQC7UAiUKZjuusSxMphSx8mS?usp=sharing) you can find:

* train.csv (the training dataset)
* test.csv (the testing dataset)
* data\_description.txt (a data dictionary, a text file describing every column in the datasets mentioned above)

Project Outline

- Identifying and correcting missing data, as well as outliers detection.

- Feature Engineering, this means applying all the transformations or combinations to the dataset variables needed. As well as selecting the variables to consider when modelling the price of a house.

- Training a machine learning model.

- Predicting house prices.

- Evaluating model performance.

- Results

Deliverable

A jupyter notebook, containing all the analysis, manipulations on the data, and predictions made. This has to be uploaded to a git remote repository, and provide the link to it.