```
In [7]:  cd a_final_proj_data_science/
```

C:\Users\Luis Perez\a_final_proj_data_science

```
In [35]:  import pandas as pd
          housing_df = pd.read_csv("house_sales.csv")



          # dealt with all missing sqft_living by adding sqft above+basement
          housing_df.loc[housing_df['sqft_above']+ housing_df['sqft_basement']  > 1, ['sqft_living']] = housing_df['sqft_
          housing_df.head(15)
          #save to new CSV
          housing_df.to_csv('house_sales_1_1.csv')
```

```
In [37]:  housing_df.dtypes
```

```
Out[37]:  id                 int64
          date              object
          price            float64
          bedrooms         float64
          bathrooms        float64
          sqft_living        int32
          sqft_lot         float64
          floors           float64
          waterfront         int64
          view               int64
          condition          int64
          grade              int64
          sqft_above         int64
          sqft_basement      int64
          yr_built           int64
          yr_renovated       int64
          zipcode            int64
          lat              float64
          long             float64
          sqft_living15      int64
          sqft_lot15         int64
          dtype: object
```

```
In [ ]:
```