1.

**Selection and summary statistics:**



**$75,000**



**$7,700,000**



**$540,088**



**$2,160,607**

2.

**Filtering data:**



**Between 0.2 and 0.29**



**Between 0.3 and 0.39**



**Between 0.4 and 0.49**



**Between 0.5 and 0.59**



**Between 0.6 and 0.69**

3.

**Building a regression model with several more features:**



**the RMSE of the model with advanced\_features lower by less than $25,000**



**the RMSE of the model with advanced\_features lower by between $25,001 and $35,000**



**the RMSE of the model with advanced\_features lower by between $35,001 and $45,000**



**the RMSE of the model with advanced\_features lower by between $45,001 and $55,000**



**the RMSE of the model with advanced\_features lower by more than $55,000**