

1. **Selection and summary statistics:** We found the zip code with the highest average house price. What is the average house price of that zip code? **1 point**

- ☐ \$75,000
- ☐ \$7,700,000
- ☐ \$540,088
- ☒ \$2,160,607

2. **Filtering data:** What fraction of the houses have living space between 2000 sq.ft. and 4000 sq.ft.? **1 point**

- ☐ 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:** What is the difference in RMSE between the model trained with *my\_features* and the one trained with *advanced\_features*? **1 point**

- ☒ 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

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