

| Question Number | Total Points | Deductions: |
|-----------------|--------------|--|
| 1a | 5 | -1 missing scatter plot OR or coefficients OR predictions (reg plot) for dataset x_i **If they miss two datasets, subtract 2 etc... - 1 No comments on fit of models Max deductions: 5 points |
| 1b | 5 | - 2 no discussion of variance and parameter relationship - 2 incorrectly answer questions. The true answer should be that identifying the parameters becomes more difficult as we add noise Max deductions: 5 points |
| 2a | 5 | - 1.5 interpretation scatter plot matrix and level of median_house_value correlation with other variables -1.5 Incorrect understanding of low correlation variables -1.5 incorrect understanding of feature correlations Max deductions: 5 points |
| 2b | 5 | - 2 only fit one sklearn regressor (should have ≥ 2) - 2 don't discuss which model performs better Max deductions: 5 points |
| 2c | 5 | - 2 don't have good rationale for the feature with the strongest relationship on median_house_value - 2 incorrectly interpret the regression coefficient Max deductions: 5 points |

Assignment Rubric: Data Science Lab 12 Regression Analysis

Total Points: 25