

Fitting a simple linear regression model on housing data

4 试题

1
point

1.

Using your Slope and Intercept from predicting prices from square feet, what is the predicted price for a house with 2650 sqft? Use American-style decimals without comma separators (e.g. 300000.34), and round your answer to 2 decimal places. Do not include the dollar sign.

700074.85

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2.

Using the learned slope and intercept from the squarefeet model, what is the RSS for the simple linear regression using squarefeet to predict prices on TRAINING data?

- ☐ Between $5e+12$ and $5.2e+12$
 - ☐ Between $1.1e+14$ and $1.3e+14$
 - ☒ Between $1.1e+15$ and $1.3e+15$
 - ☐ Between $3.3e+15$ and $3.5e+15$
-

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3.

According to the inverse regression function and the regression slope and intercept from predicting prices from square-feet, what is the estimated square-feet for a house costing \$800,000?

3004

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4.

Which of the two models (square feet or bedrooms) has lower RSS on TEST data?

- ☒ Model 1 (Square feet)
- ☐ Model 2 (Bedrooms)



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