✓ **Congratulations! You passed!**

Grade received 100%   **To pass** 70% or higher

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Practice quiz: Regression

Latest Submission Grade 100%

1.

1 / 1 point

For linear regression, the model is $f_{w,b}(x) = wx + b$.

Which of the following are the inputs, or features, that are fed into the model and with which the model is expected to make a prediction?

◉ x

○ w and b.

○ (x, y)

○ m

✓ **Correct**
The x, the input features, are fed into the model to generate a prediction $f_{w,b}(x)$

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2. For linear regression, if you find parameters w and b so that $J(w, b)$ is very close to zero, what can you conclude?

1 / 1 point

○ The selected values of the parameters w and b cause the algorithm to fit the training set really poorly.

◉ The selected values of the parameters w and b cause the algorithm to fit the training set really well.

○ This is never possible -- there must be a bug in the code.

✓ **Correct**
When the cost is small, this means that the model fits the training set well.