

Regularization

Quiz, 5 questions

4/5 points (80%)

✓ **Congratulations! You passed!**

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points

1.

You are training a classification model with logistic

regression. Which of the following statements are true? Check

all that apply.

1 / 1
points

2.

Suppose you ran logistic regression twice, once with $\lambda = 0$, and once with $\lambda = 1$.

One of the times, you got

parameters $\theta = \begin{bmatrix} 81.47 \\ 12.69 \end{bmatrix}$, and the other time you got

$\theta = \begin{bmatrix} 13.01 \\ 0.91 \end{bmatrix}$. However, you forgot which value of

λ corresponds to which value of θ . Which one do you

think corresponds to $\lambda = 1$?

1 / 1
points

3.

Regularization

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Which of the following statements about regularization are true? Check all that apply.

4/5 points (80%)

1 / 1
points

4.

In which one of the following figures do you think the hypothesis has overfit the training set?



1 / 1
points

5.

In which one of the following figures do you think the hypothesis has underfit the training set?

