

Regularization

Quiz, 5 questions

5/5 points (100%)



Congratulations! You passed!

[Next Item](#)1 / 1
point

1.
You are training a classification model with logistic regression. Which of the following statements are true? Check all that apply.

1 / 1
point

2.
Suppose you ran logistic regression twice, once with $\lambda = 0$, and once with $\lambda = 1$. One of the times, you got parameters $\theta = \begin{bmatrix} 74.81 \\ 45.05 \end{bmatrix}$, and the other time you got $\theta = \begin{bmatrix} 1.37 \\ 0.51 \end{bmatrix}$. However, you forgot which value of λ corresponds to which value of θ . Which one do you think corresponds to $\lambda = 1$?

1 / 1
point

3.
Which of the following statements about regularization are true? Check all that apply.

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1/1
point

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4.

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



1 / 1
point

5.

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

