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Grade received 100% To pass 80% or higher

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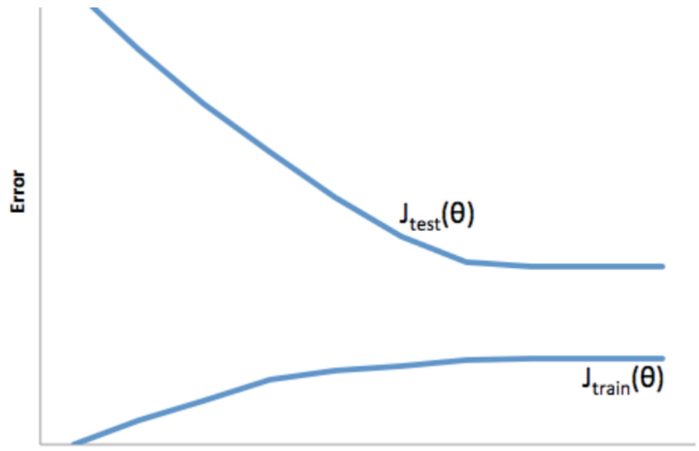
Advice for Applying Machine Learning

Latest Submission Grade 100%

1. You train a learning algorithm, and find that it has unacceptably high error on the test set. You plot the learning curve, and obtain the figure below. Is the algorithm suffering from high bias, high variance, or neither?

1 / 1 point



Correct

2. Suppose you have implemented regularized logistic regression to classify what object is in an image (i.e., to do object recognition). However, when you test your hypothesis on a new set of images, you find that it makes unacceptably large errors with its predictions on the new images. However, your hypothesis performs **well** (has low error) on the training set. Which of the following are promising steps to take? Check all that apply.

1 / 1 point

Correct

3. Suppose you have implemented regularized logistic regression to predict what items customers will purchase on a web shopping site. However, when you test your hypothesis on a new set of customers, you find that it makes unacceptably large errors in its predictions. Furthermore, the hypothesis performs **poorly** on the training set. Which of the following might be promising steps to take? Check all that apply.

1 / 1 point

Correct

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

1 / 1 point

Correct

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

1 / 1 point

Correct