

# Large Scale Machine Learning

Quiz, 5 questions

**5/5 points (100%)**

## Congratulations! You passed!

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point

1.

Suppose you are training a logistic regression classifier using stochastic gradient descent. You find that the cost (say,  $\text{cost}(\theta, (x^{(i)}, y^{(i)}))$ , averaged over the last 500 examples), plotted as a function of the number of iterations, is slowly increasing over time. Which of the following changes are likely to help?

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1 / 1  
point

2.

Which of the following statements about stochastic gradient descent are true? Check all that apply.

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1 / 1  
point

3.

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


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1 / 1  
point

4.

Assuming that you have a very large training set, which of the following algorithms do you think can be parallelized using map-reduce and splitting the training set across different machines? Check all that apply.

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1 / 1  
100%

# Large Scale Machine Learning

Quiz, 5 questions  
5.

5/5 points (100%)

Which of the following statements about map-reduce are true? Check all that apply.

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