### Week 3 Quiz

**Due** Feb 8 at 11:59pm **Points** 12 **Questions** 3

Available after Feb 2 at 12am Time Limit 20 Minutes Allowed Attempts 2

#### Instructions

# instructions.png Instructions

This quiz consists of two questions. To be successful with the module quizzes, it's important to read the assigned chapters, practice exercises, and complete the interactive activities. Keep the following in mind:

- Attempts: You will have two attempts for this quiz with your highest score being recorded in the grade book.
- **Timing:** You will need to complete each of your attempts in one sitting, and you are allotted 20 minutes to complete each attempt.
- Answers: You may review your answer choices and compare them to the correct answers after your final attempt.

To start, click the "Take the Quiz" button. When finished, click the "Submit Quiz" button.

## Technical Support Technical Support

Need help using Canvas Quizzes? If so, please review the following guide: <u>Canvas Student Guide - Quizzes (https://community.canvaslms.com/docs/DOC-10701#jive\_content\_id\_Quizzes)</u>

Take the Quiz Again

### **Attempt History**

	Attempt	Time	Score
LATEST	Attempt 1	less than 1 minute	12 out of 12

Attempt Time Score

Score for this attempt: 12 out of 12

Submitted Feb 3 at 2:39pm

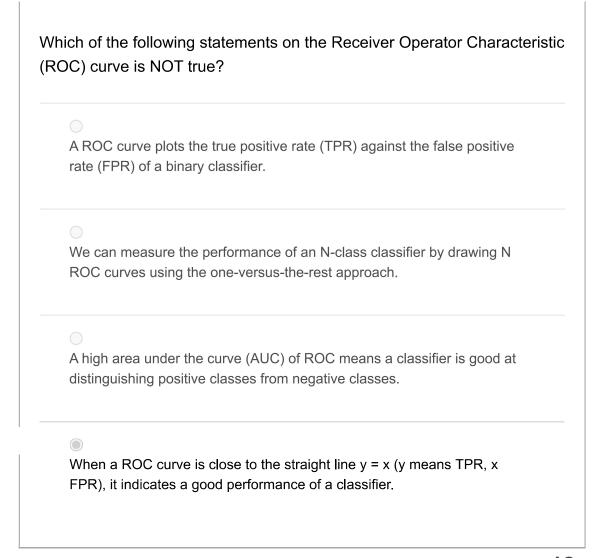
This attempt took less than 1 minute.

_	Question 1	4 / 4 pts		
	With an appropriate learning rate and sufficient high-quality training data set, will the Gradient Descent algorithm for logistic regression (with crossentropy loss function) <b>always</b> converge to a global optimum?			
	O No			
	It depends.			
Correct!	Yes			

	Question 2 4 / 4 pts			
	Does a logistic regression model (with cross-entropy loss function) have a closed form solution (i.e., normal equation)?			
Correct!	<ul><li>No</li></ul>			
	Yes			
	It depends.			

Question 3 4 / 4 pts

Correct!



Quiz Score: 12 out of 12