Week 1 Quiz

Due Jan 25 at 11:59pm **Points** 12 **Questions** 3
Available Jan 20 at 12am - Jan 25 at 11:59pm **Time Limit** 15 Minutes
Allowed Attempts 2

Instructions

This quiz consists of three 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 15 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

Need help using Canvas Quizzes? If so, please review the following guide: **Canvas Student Guide - Quizzes (https://community.canvaslms.com/docs/DOC-10701#jive_content_id_Quizzes)**

This quiz was locked Jan 25 at 11:59pm.

Attempt History

	Attempt	Time	Score
KEPT	Attempt 2	15 minutes	12 out of 12
LATEST	Attempt 2	15 minutes	12 out of 12

Attempt	Time	Score
Attempt 1	11 minutes	8 out of 12

Score for this attempt: **12** out of 12
Submitted Jan 24 at 2:36pm
This attempt took 15 minutes.

Question 1

4 / 4 pts

According to the definition of "machine learning" we discussed, which of the following is NOT necessarily required for a machine learning problem?

- Experience E
- Task T
- Model H

Correct!

- Performance measure P

Question 2

4 / 4 pts

Which of the following is generally NOT an appropriate method to reduce overfitting?

- Increase the training data size.

Correct!

- Train the model with more iterations.
- Avoid using very complex model if possible, e.g., do not use a high-degree polynomial in curve fitting problem.

Include a regularization term in a cost function

Question 3

4 / 4 pts

Which of the following is usually NOT a suggested technique for data cleaning when a certain attribute contains missing values in the training data?

Get rid of the training sample with missing values.

Get rid of the entire attribute.

Correct!

Assign NA to this attribute.

Set the value to zero or a value computed from other samples (e.g., mean, median).

Quiz Score: **12** out of 12