



Review Test Submission: Midsem Part I

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Course	APT3025A
Test	Midsem Part I
Started	2/20/23 7:21 AM
Submitted	2/20/23 7:42 AM
Due Date	2/20/23 10:00 AM
Status	Needs Grading
Attempt Score	Grade not available.
Time Elapsed	21 minutes out of 1 hour
Instructions	You have 60 minutes to complete this part.

Question 1

1 out of 1 points

What type of learning is linear regression?

Question 2

0 out of 1 points

In the remember-formulate-predict framework, which part represents the learning process?

Question 3

0 out of 1 points

If the accuracy of a model is much better on the training data than on the test data, but both accuracies are high, what does this mean?

Question 4

0 out of 1 points

What does "unsupervised" stand for in unsupervised machine learning?

Question 5

0 out of 1 points

In k nearest neighbors, where $k = 5$, how is the prediction determined when solving a regression problem?

Question 6

0 out of 1 points

What is batch gradient descent?

Question 7

0 out of 1 points

What type of learning is k nearest neighbors?

Question 8

Needs Grading

Explain the following concepts.

- a. Classification versus regression. Give one example of each. [2 Marks]
- b. The relationship between model complexity and generalization. [3 Marks]

Question 9

0 out of 1 points

In k nearest neighbors, what is the likely result of using one neighbor?

Question 10

0 out of 1 points

How many measurements are used to describe an iris in the iris dataset?

Question 11

1 out of 1 points

In linear regression, what does the bias refer to?

Monday, February 20, 2023 12:59:32 PM EAT

← OK