Aravindh U

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Dashboard / Introduction to Machine Learning Algorithms and their Implementation in Python - Challenges / **Week 4 MCQ Challenge: Cross- Validation and Bias Variance tradeoff**

Week 4 MCQ Challenge: Cross- Validation and Bias Variance tradeoff

Rules   Grading policy   <u>Your Grades</u>

 # Attempt 1

You scored **5/5** in this challenge. Please see the below table for details

1			5 / 5

#Question1

Machine learning algorithms are classified as (select all that follows)

Correct Answers

✔ All of the above

Your Answers

✔ All of the above

#Question2

Logistic regression is a generative classifier model

Correct Answers

✔ False

Your Answers

✔ False

#Question3

Linear discriminant classifier is a discriminative classifier model

Correct Answers

✔ False

Your Answers

✔ False

#Question4

A master chess player makes a move, the choice is informed both by planning-anticipating possible replies and counter replies- and by immediate, intuitive judgements of the desirability of particular positions and moves. This is an example of

Correct Answers

✔ Reinforcement learning

Your Answers

✔ Reinforcement learning

#Question5

Suppose you build your model on training data set, the accuracy of the model is 99.99 percent. However, your model is performing poorly on the test data set. What could be the possible reason for such performance (select all that applies)

Correct Answers

✔ The model built has high variance

✔ The model built has more parameters as compared to true model, more precisely model is overfit

Your Answers

✔ The model built has high variance

✔ The model built has more parameters as compared to true model, more precisely model is overfit

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Your Status

You have scored 26567 points. Keep go