Lesson Quiz

Answer the following questions to test your knowledge of the concepts and techniques taught in this lesson.

Note: Some of the questions are based on the lab associated with this lesson , so make sure you have explored and run the lab.

Question 1

1/1 point (graded)

Which of the following statements about Transfer Learning are **true**?

Choose one

- Transfer Learning is very expensive in time.
- Transfer Learning requires that the training and test data is of similar domains and similar distributions. ✔
- Transfer Learning is a generic method for transferring a model trained in one domain and applying it in any other arbitrary problem domain.
- Transfer Learning can give more accurate results, but requires much more data.
- Transfer Learning takes longer to convert, but can be more accurate.

Explanation

Transfer Learning allows applying a model trained for one domain to another, as long as the data and domains are relatively similar. It requires less data to learn a new skill, and can make training faster. It is also likely to lead to better model accuracy than if the data wasn't available.

Submit You have used 1 of 1 attempt

Answers are displayed within the problem

Question 2

1/1 point (graded)

When choosing between fine-tuning vs. freezing, when should we consider freezing some or all of the weights?

Choose one

- (•) When datasets are similar in content and distribution, and ratio of target dataset size to original dataset size is small. ✔
- ( ) When the target dataset is much larger than the original, base model, dataset.
- ( ) When the target dataset is dissimilar to the original dataset.
- ( ) When both the datasets are dissimilar, and the target dataset is much larger than the original dataset.

Explanation

Submit You have used 1 of 1 attempt

Answers are displayed within the problem

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