**1.**

Question 1

Which of the following statements are true on data augmentation?

**1 / 1 point**



tf.image offers a set of functions to augment image data.



Data Augmentation always helps improving the performance of ML models.



Data Augmentation should be applied at serving time.

**Correct**

Good job! Examples include: tf.image.resize\_with\_crop\_or\_pad(), tf.image.random\_crop(), tf.image.random\_flip\_left\_right()

**2.**

Question 2

Data augmentation is a strategy to significantly increase the data set available for training models without having to collect new data.

**1 / 1 point**



No



Yes

**Correct**

Absolutely! It Increases diversity and number of examples in training data.

**3.**

Question 3

Data augmentation is a technique that allows us to increase our training data set to improve accuracy and avoid overfitting.

**1 / 1 point**



True



False

**Correct**

Perfect! It also acts as a regularizer and helps reduce overfitting when training a machine learning model.