# Data Augmentation

1. Which of the following statements are true on data augmentation? (Check all that apply).

   - Data Augmentation always helps improving the performance of ML models.
   - Data Augmentation should be applied at serving time.
   - tf.image offers a set of functions to augment image data.

   *Examples include: tf.image.resize_with_crop_or_pad(), tf.image.random_crop(), tf.image.random_flip_left_right()*

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

   - No
   - Yes

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

   - False
   - True

   *It also acts as a regularizer and helps reduce overfitting when training a machine learning model*