

# Import The ImageDataGenerator Library

Image data augmentation is a technique that can be used to artificially expand the size of a training dataset by creating modified versions of images in the dataset.

The Keras deep learning neural network library provides the capability to fit models using image data augmentation via the ImageDataGenerator class.

Let us import the ImageDataGenerator class from Keras

```
11 import numpy as np #used for numerical analysis
12 from tensorflow.keras.models import load_model#to load our trained model
13 from tensorflow.keras.preprocessing import image
```