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**Importing The ImageDataGenerator Library**

**import** keras

**from** keras.preprocessing.image **import** ImageDataGenerator

**Define the parameters/arguments for ImageDataGenerator class**

train\_datagen**=**ImageDataGenerator(rescale**=**1.**/**255,shear\_range**=**0.2,rotation\_range**=**180,zoom\_range**=**0.2, horizontal\_flip**=True**)

test\_datagen**=**ImageDataGenerator(rescale**=**1.**/**255)

**Applying ImageDataGenerator functionality to trainset**

x\_train**=**train\_datagen**.**flow\_from\_directory(r'/content/drive/MyDrive/Dataset/train\_set',target\_size**=**(128,128),batch\_size**=**32, class\_mode**=**'binary')

Found 436 images belonging to 2 classes.

**Applying ImageDataGenerator functionality to testset**

x\_test**=**test\_datagen**.**flow\_from\_directory(r'/content/drive/MyDrive/Dataset/test\_set',target\_size**=**(128,128),batch\_size**=**32, class\_mode**=**'binary')

Found 121 images belonging to 2 classes.