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In [1]: import keras
        from keras.preprocessing.image import ImageDataGenerator
```

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In [2]: #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)
```

```
In [3]: #Applying ImageDataGenerator functionality to trainset
        x_train=train_datagen.flow_from_directory('/content/Dataset/Dataset/train_set',target_size=(128,128),batch_size=32,class_mode='binary')

        Found 436 images belonging to 2 classes.
```

```
In [4]: #Applying ImageDataGenerator functionality to testset
        x_test=test_datagen.flow_from_directory('/content/Dataset/Dataset/test_set',target_size=(128,128),batch_size=32,class_mode='binary')

        Found 121 images belonging to 2 classes.
```

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In [ ]:
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