

```
In [4]: import keras
        from keras.preprocessing.image import ImageDataGenerator
```

```
In [5]: #Define the parameters/arguments for ImageDataGenerator class
        train_datagen=ImageDataGenerator(rescale=1./255, shear_range=0.2, rotation_range=180, zoom_range=0.1,
        test_datagen=ImageDataGenerator(rescale=1./255)
```

```
In [6]: #Applying ImageDataGenerator functionality to trainset
        x_train=train_datagen.flow_from_directory(r'C:\Users\dhine\Downloads\archive\Dataset\Dataset\train',
                                                    target_size=(128,128),
                                                    batch_size=32,
                                                    class_mode='binary')
```

Found 436 images belonging to 2 classes.

```
In [7]: #Applying ImageDataGenerator functionality to testset
        x_test=test_datagen.flow_from_directory(r'C:\Users\dhine\Downloads\archive\Dataset\Dataset\test',
                                                target_size=(128,128),
                                                batch_size=32,
                                                class_mode='binary')
```

Found 121 images belonging to 2 classes.

```
In [ ]:
```