

In [1]:

```
import keras
from keras.preprocessing.image import ImageDataGenerator
```

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 [4]:

```
#Applying ImageDataGenerator functionality to trainset
x_train=train_datagen.flow_from_directory('/content/drive/MyDrive/Dataset/Dataset/train_set',target_size=(128,128),batch_size=32,class_mode='binary')
```

Found 436 images belonging to 2 classes.

In [5]:

```
#Applying ImageDataGenerator functionality to testset
x_test=test_datagen.flow_from_directory('/content/drive/MyDrive/Dataset/Dataset/test_set',target_size=(128,128),batch_size=32,class_mode='binary')
```

Found 121 images belonging to 2 classes.