Team ID : **PNT2022TMID00594**

Date : 27 Oct 2022

- Sprint - 1

```
#Extracting Data
!unzip "/content/drive/MyDrive/IBM Project Development/Classification of Arrhythmia by Using
```

Image Augmentation / Preprocessing :

```
#Import req. Lib.
from tensorflow.keras.preprocessing.image import ImageDataGenerator


#Augmentation On Training Variable
train_datagen = ImageDataGenerator(rescale= 1./255,
                zoom_range=0.2,
                horizontal_flip =True)


#Augmentation On Testing Variable
test_datagen = ImageDataGenerator(rescale= 1./255)


#Augmentation On Training Variable
ftrain   train_datagen.flow_from_directory('/content/data/train',
                                    target_size=(64,64),
                                    class_mode='categorical',
                                    batch_size=100)
```

    Found 15341 images belonging to 6 classes.

```
#Augmentation On Testing Variable
ftest   test_datagen.flow_from_directory('/content/data/test',
                                    target_size=(64,64),
                                    class_mode='categorical',
                                    batch_size=100)
```

    Found 6825 images belonging to 6 classes.

Colab paid products   Cancel contracts here