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- 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 6classes.

#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 6classes.

