Team ID : PNT2022TMID42525

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.
```

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