

Team Id: PNT2022TMID46670

Image Preprocessing

Import ImageDataGenerator Library And Configure It

In []:

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

In []:

```
# Training Datagen train_datagen  
=  
ImageDataGenerator(rescale=1/255, zoom_range=0.2, horizontal_flip=True, vertical_flip=False) # Testing Datagen  
test_datagen = ImageDataGenerator(rescale=1/255)
```

In [1]:

```
import tensorflow as tf import os from  
tensorflow.keras.models import Sequential  
from tensorflow.keras.layers import Dense, Conv2D, Flatten, Dropout,  
MaxPooling2D from tensorflow.keras.preprocessing.image import  
ImageDataGenerator  
import numpy as np import matplotlib.pyplot as plt import  
IPython.display as display from PIL import Image import pathlib
```