IMAGE PREPROCESSING

Applying ImageData Generator Functionality To Trainset And Testset

Date: 07 November 2022

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Project Name:Emerging Methods For Early Dectection Of Forest Fire

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

```python
#Define the parameters/arguments for ImageDataGenerator class
train_datagen=ImageDataGenerator(rescale=1./255,shear_range=0.2,rotati
on_rang=180,zoom_range)

test_datagen=ImageDataGenerator(rescale=1./255)
```

```python
#Applying ImageDataGenerator functionality to trainset
x_train=train_datagen.flow_from_directory(r'C:\Users\dhine\Downloads\
archive\Dataset\Dataset\
                                          target_size=(128,128),
                                          batch_size=32
                                          class_mode='binary')
```

Found 436 images belonging to 2 classes.

```python
#Applying ImageDataGenerator functionality to testset
x_test=test_datagen.flow_from_directory(r'C:\Users\dhine\Downloads\
archive\Dataset\Dataset\te
                                        target_size=(128,128),
                                        batch_size=32
                                        class_mode='binary')
```

Found 121 images belonging to 2 classes