EARLY DETECTION OF FOREST FIRE USING DEEP LEARNING

IMAGE PRE-PROCESSING

APPLYING ImageDataGenerator to train and test dataset

Team ID	PNT2022TMID38456	
Project Name Project-Early detection of forest fire using d		
	learning	

The ImageDataGenerator class has three methods,

1.flow(),

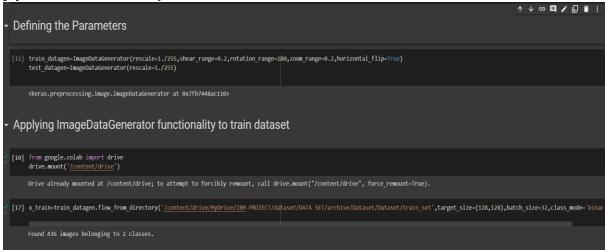
2.flow_from_directory()

3.flow_from_dataframe () to read the images from a big numpy array and folders containing images.

flow_from_directory () expects at least one directory under the given directory path.

APPLYING ImageDataGenerator to train dataset:

plyflow_from_directory ()methodfor Train folder.



APPLYING ImageDataGenerator to test dataset:

Applying the **flow_from_directory** () methodfortest folder.

- Applying ImageDataGenerator functionality to test dataset			
08	x_test-test_datagen.flow_from_directory('/content/drive/My/Drive/18M PROJECT/dataset/DATA SET/archive/Dataset/Dataset/test_set Found 121 images belonging to 2 classes.	↑ ↓ ∞ □ ţ [] i ; ,target_size-(128,128),batch_size-32,class_mode-'binary')	