#### EARLY DETECTION OF FOREST FIRE USING DEEP LEARNING

### **IMAGE PRE-PROCESSING**

### APPLYING ImageDataGenerator to train and test dataset

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Project Name	Project-Early detection of forest fire using deep
	learning

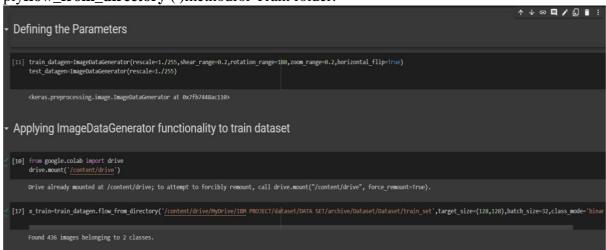
The ImageDataGenerator class has three methods,

- 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.

