### EMERGING METHODS FOR EARLY DETECTION OF FOREST

### FIRE USING DEEP LEARNINGIMAGE PRE-PROCESSING

# APPLYING Image Data Generator to train and test dataset

Team ID	PNT2022TMID21968
Project Name	Project-Emerging methods for early detection
	of forest fire using deeplearning

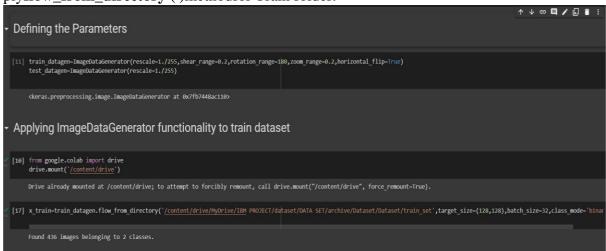
The ImageDataGenerator class has three methods,

- 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.

