

Team id	PNT2022TMID30054
Project Name	Project- Emerging Methods for Early Detection of Forest Fires

## Applying Image Data Generator

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Applying ImageDataGenerator

In [21]: x = train_datagen.flow_from_directory(r"/content/drive/MyDrive/ibm/fire/dataset/train_set",target_size=(256, 256), class_mode='categorical', batch_size=32)
Found 16 images belonging to 2 classes.

In [22]: y = test_datagen.flow_from_directory(r"/content/drive/MyDrive/ibm/fire/dataset/test_set",target_size=(256, 256), class_mode='categorical', batch_size=32)
Found 19 images belonging to 2 classes.

In [23]: print(x.class_indices)
{'forest': 0, 'with fire': 1}

In [24]: print(y.class_indices)
{'forest': 0, 'with fire': 1}

In [25]: from collections import Counter as c
c(x.labels)

Out[25]: Counter({0: 8, 1: 8})

In [26]: from collections import Counter as c
c(y.labels)

Out[26]: Counter({0: 9, 1: 10})
```