Team id	PNT2022MID26340
Project Name	Project- Emerging Methods for Early Detection of Forest Fires

Defining Parameters for ImageDataGenerator

Parameters

```
In [3]:  from google.colab import drive
         drive.mount('/content/drive')
```

Mounted at /content/drive

```
In [5]:  cd /content/drive/MyDrive/ibm
```

/content/drive/MyDrive/ibm

```
In [7]:  !unzip /content/drive/MyDrive/ibm/Dataset.zip
```

```
Archive:  /content/drive/MyDrive/ibm/Dataset.zip
  inflating: forest fire/dataset/test_set/forest/with_fire (3).png
  inflating: forest fire/dataset/train_set/with fire/cumming_forest_fires.jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (2).jpg
  inflating: forest fire/dataset/train_set/with fire/f90_fire_1168x657.jpg
  inflating: forest fire/dataset/test_set/forest/with_fire (1).jpeg
  inflating: forest fire/dataset/train_set/with fire/b2683a16be44f230a90f50bb944315e994b43042e43df798bb4feaf27e0f8bc8.jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (2).jpeg
  inflating: forest fire/dataset/train_set/with fire/deerfire_high_res_edit.jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (5).jpg
  inflating: forest fire/dataset/test_set/forest/with_fire (3).jpg
  inflating: forest fire/dataset/train_set/with fire/599857.jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (4).jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (3).jpeg
  inflating: forest fire/dataset/test_set/with fire/with fire (3).png
  inflating: forest fire/dataset/test_set/with fire/with fire (3).jpg
  inflating: forest fire/dataset/test_set/forest/with_fire (1).jpg
  inflating: forest fire/dataset/train_set/forest/2E215059_55C7_417B_8DDD693AA6E416B4_source.jpg
  inflating: forest fire/dataset/train_set/with fire/defense_large.jpg
```

```
  inflating: forest fire/dataset/train_set/with fire/b2683a16be44f230a90f50bb944315e994b43042e43df798bb4feaf27e0f8bc8.jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (2).jpeg
  inflating: forest fire/dataset/train_set/with fire/deerfire_high_res_edit.jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (5).jpg
  inflating: forest fire/dataset/test_set/forest/with_fire (3).jpg
  inflating: forest fire/dataset/train_set/with fire/599857.jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (4).jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (3).jpeg
  inflating: forest fire/dataset/test_set/with fire/with fire (3).png
  inflating: forest fire/dataset/test_set/with fire/with fire (3).jpg
  inflating: forest fire/dataset/test_set/forest/with_fire (1).jpg
  inflating: forest fire/dataset/train_set/forest/2E215059_55C7_417B_8DDD693AA6E416B4_source.jpg
  inflating: forest fire/dataset/train_set/with fire/defense_large.jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (1).png
  inflating: forest fire/dataset/test_set/forest/with_fire (1).gif
  inflating: forest fire/dataset/train_set/forest/0.98884800_1554454572_spin.jpg
  inflating: forest fire/dataset/test_set/with fire/with fire (2).png
  inflating: forest fire/dataset/train_set/forest/0.72918000_1559733279_forests1_gettyimages_.jpg
  inflating: forest fire/dataset/train_set/forest/01_NeilBurnell_Mystical_photovertical1.jpg
  inflating: forest fire/dataset/test_set/forest/with_fire (2).jpg
  inflating: forest fire/dataset/train_set/with fire/19464620_401.jpg
  inflating: forest fire/dataset/train_set/with fire/climate_change_forest_fire.jpeg
  inflating: forest fire/dataset/test_set/forest/with_fire (2).jpeg
  inflating: forest fire/dataset/test_set/forest/with_fire (1).png
  inflating: forest fire/dataset/test_set/with fire/with fire (4).png
  inflating: forest fire/dataset/test_set/forest/with_fire (3).jpeg
  inflating: forest fire/dataset/train_set/forest/1_chimp.jpg
  inflating: forest fire/dataset/train_set/forest/4k_timelapse_heavy_rain_on_mountain_forest_tree_fog_motion_bad_weather_condition_rfift1zh_thumbnai
l_.png
  inflating: forest fire/dataset/train_set/forest/0.64133000_1519374442_forest_deep.jpg
  inflating: forest fire/dataset/train_set/forest/4fe3f4e45d6bb93070989b8bbb77d30e.jpg
  inflating: forest fire/dataset/test_set/forest/with_fire (2).png
```

```
In [18]:  train_datagen = ImageDataGenerator(rescale= 1./225,horizontal_flip=True,vertical_flip=True,zoom_range=0.2)
          test_datagen = ImageDataGenerator(rescale = 1./255)
```