EARLY DETECTION OF FOREST FIRE USING DEEP LEARNING IMAGE PRE-PROCESSING

Team Id	PNT2022TMID30054
Project Name	Project-Early detection of forest fire using Artificial Intelligence

Defining Parameters for ImageDataGenerator


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

     Mounted at /content/drive

[5]  cd /content/drive/MyDrive/ibm

     /content/drive/MyDrive/ibm

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

Output


```
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_8DDD693AA6E41684_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_photoverticall.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
```