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main

[IBM-Project-52221-1660991478](https://github.com/IBM-EPBL/IBM-Project-52221-1660991478) / [Project Development Phase](https://github.com/IBM-EPBL/IBM-Project-52221-1660991478/tree/main/Project%20Development%20Phase) / [Sprint 1](https://github.com/IBM-EPBL/IBM-Project-52221-1660991478/tree/main/Project%20Development%20Phase/Sprint%201) /

Collecting\_the\_Dataset.ipynb



[Kaniv387](https://github.com/Kaniv387) [Create Collecting\_the\_Dataset.ipynb](https://github.com/IBM-EPBL/IBM-Project-52221-1660991478/commit/917ad1cac580719044d1b8f83beaf169862de53f)

[History](https://github.com/IBM-EPBL/IBM-Project-52221-1660991478/commits/main/Project%20Development%20Phase/Sprint%201/Collecting_the_Dataset.ipynb)

1 contributor

107 lines (107 sloc) 2.86 KB

In [1]:

Making Separate Dataset for Training and Testing

In [2]:

Found 436 images belonging to 2 classes.

Found 121 images belonging to 2 classes.

In [3]:

Out[3]: {'forest': 0, 'with fire': 1}

test\_dataset**.**class\_indices

train **=** ImageDataGenerator(rescale**=**1**/**255) test **=** ImageDataGenerator(rescale**=**1**/**255)

train\_dataset **=** train**.**flow\_from\_directory("/content/drive/MyDrive/Dataset/train

target\_size**=**(150,150), batch\_size **=** 32,

class\_mode **=** 'binary')

test\_dataset **=** test**.**flow\_from\_directory("/content/drive/MyDrive/Dataset/test\_se

target\_size**=**(150,150), batch\_size **=**32,

class\_mode **=** 'binary')

**import** tensorflow **as** tf

**import** numpy **as** np

**from** tensorflow **import** keras

**import** os

**import** cv2

**from** tensorflow.keras.preprocessing.image **import** ImageDataGenerator

**from** tensorflow.keras.preprocessing **import** image

**import** matplotlib.pyplot **as** plt