EMERGING METHODS FOR EARLY DETECTION OF FOREST FIRE

MODELBUILDING

IMPORTINGTHEMODELBUILDING LIBRARIES

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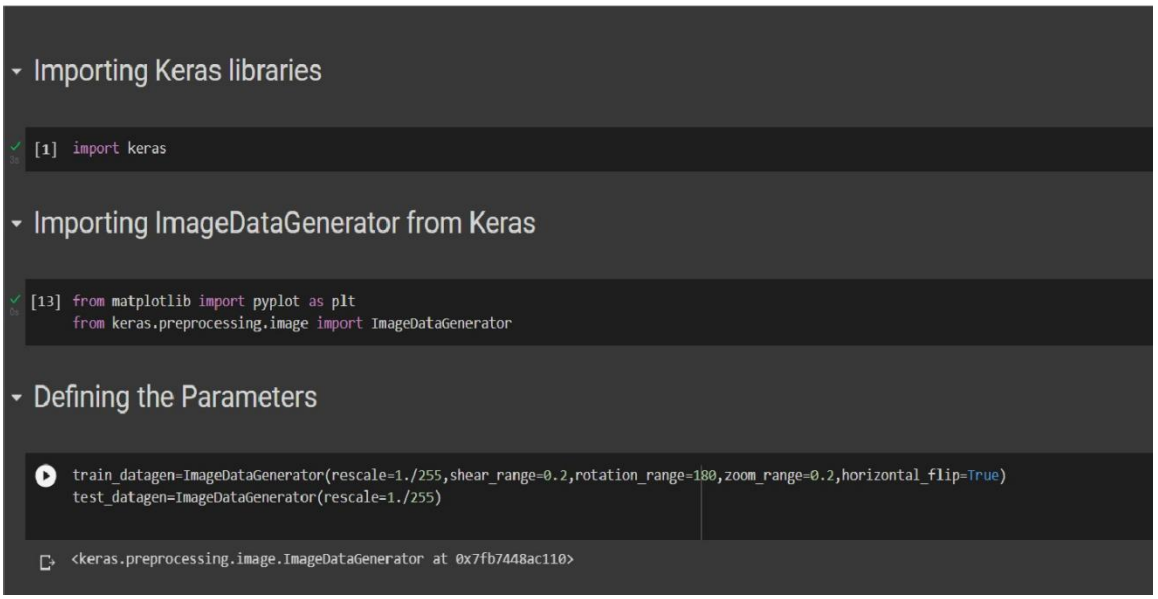
ProjectName	Project-Emerging Methods for Early detection of forest fire

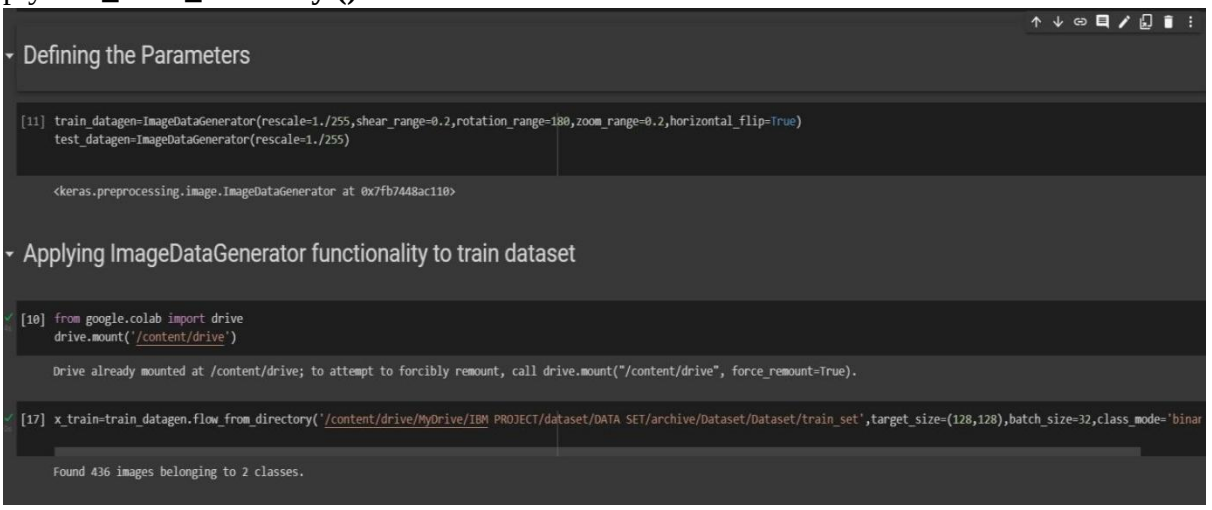
IMPORTINGTHEMODELBUILDINGLIBRARIES:

Import the libraries that are required to initialize the neural network layer, create and adddifferentlayerstotheneuralnetworkmodel.The belowlibrariesareimported andexecuted.



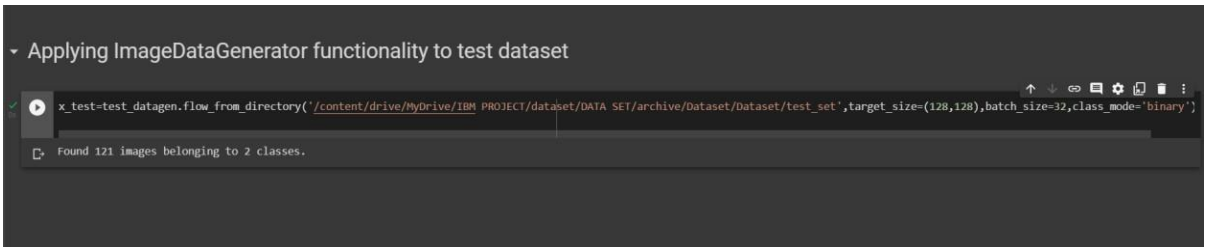
APPLYINGImageDataGeneratortotraindataset:

ply**flow_from_directory ()**methodforTrainfolder.



APPLYINGImageDataGeneratortotestdataset:

Applyingthe**flow_from_directory()**methodfortestfolder.



IMPORTINGMODELBUILDINGLIBRARIES:

11/8/22, 1:16 AM Main code - Colaboratory

Importing Model Building Libraries

```
#to define the linear Initialisation import sequential
from keras.models import Sequential
#to add layers import Dense
from keras.layers import Dense
#to create Convolutional kernel import convolution2D
from keras.layers import Convolution2D
#import Maxpooling layer
from keras.layers import MaxPooling2D
#import flatten layer
from keras.layers import Flatten
import warnings
warnings.filterwarnings('ignore')
```