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#sprint2_venuka
#!/usr/bin/env python
# coding: utf-8
# In[1]:
from keras.models import Sequential
from keras.layers import Dense
from keras.layers import Convolution2D
from keras.layers import MaxPooling2D
from keras.layers import Flatten
# In[2]:
from keras.preprocessing.image import ImageDataGenerator
train_datagen =
ImageDataGenerator(rescale=1./255,shear_range=0.2,zoom_range=0.2,horizontal_flip=True)
test_datagen = ImageDataGenerator(rescale=1./255)
# In[6]:
x_train =
train\_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET', target\_in_datagen.flow\_from\_directory(r'C:\Users\HP\Desktop\data\_set\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET\TRAIN\_SET
size=(64,64),batch_size=32,class_mode='categorical')
x_{test} = test_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set\TEST_SET-set_datagen.flow_from_directory(r'C:\Users\HP\Desktop\data_set)
20221101T044129Z-001\TEST_SET',target_size=(64,64),batch_size=32,class_mode='categorical')
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# In[21]:
<pre>get_ipython().system('tar -zcvf image-classification-model_new.tgz fruit.h5')</pre>
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