


## TEST BOTH THE MODEL

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In [ ]: y=np.argmax(model.predict(x),axis=1)

In [33]: index=['Pepper_bell__Bacterial_spot','Pepper_bell__healthy','Potato__Early_blight','Potato__Late_blight','Potato__healthy','Tomato__Bacterial_
Out[34]: index[0]
Out[34]: 'Pepper_bell__Bacterial_spot'

In [35]: img=image.load_img(r"/content/drive/MyDrive/Fertilizers_Recommendation_System_For_Disease_Prediction/Dataset Plant Disease/Veg-dataset/Veg-dataset/t
In [36]: img
Out[36]: 

In [38]: x = image.img_to_array(img)

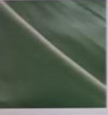
In [39]: x
Out[39]: array([[199., 185., 164.],
 [196., 182., 181.],
 [191., 177., 176.],
 ...,
 [184., 168., 168.],
 [196., 180., 180.],
 [187., 171., 171.]])

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In [26]: model.load_model('fdata.h5')

TEST 1:

In [33]: img=image.load_img(r"/content/drive/MyDrive/Fertilizers_Recommendation_System_For_Disease_Prediction/Dataset Plant Disease/fruit-dataset/fruit-datas
Out[33]: 

In [34]: x=image.img_to_array(img)

In [35]: x=np.expand_dims(x,axis=0)
y=np.argmax(model.predict(x),axis=1)
1/1 [=====] - 0s 46ms/step

In [46]: index=['Apple__Black_rot','Corn_(maize)__healthy','Corn_(maize)__Northern_Leaf_Blight','Apple__healthy','Peach__Bacterial_spot','Peach__healthy']
Out[46]: index[0]
Out[46]: 'Apple__Black_rot'

TEST 2:

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