



Commands

Code

Text

Run all

Files

config

sample_data

TEST.PNG

11.PNG

keras_model.h5

import numpy as np

from tensorflow.keras.models import load_model

from tensorflow.keras.preprocessing import image

import matplotlib.pyplot as plt

model = load_model('keras_model.h5')

img_path = 'TEST.PNG'

img = image.load_img(img_path, target_size=(224, 224))

x = image.img_to_array(img)

x = np.expand_dims(x, axis=0) / 255.0

preds = model.predict(x)[0]

class_names = ['A', 'O']

predicted_index = np.argmax(preds)

predicted_class = class_names[predicted_index]

plt.imshow(img)

plt.axis('off')

plt.title(f'Predicted Class: {predicted_class}', fontsize=16)

plt.show()

print(f'Predicted class for {img_path}: {predicted_class}')

WARNING:tensorflow:No training configuration found in the save file, so the model was 'not' compiled. Compile it manually.

1/1 [=====] - 1s/step

Predicted Class: O

Disk

67.50 GB available

Variables

Terminal

7:32 PM

Python 3

Files

config

sample_data

11.PNG

TEST.PNG

keras_model.h5


```
import numpy as np
from tensorflow.keras.models import load_model
from tensorflow.keras.preprocessing import image
import matplotlib.pyplot as plt
model = load_model('keras_model.h5')
img_path = '11.PNG'
img = image.load_img(img_path, target_size=(224, 224))
x = image.img_to_array(img)
x = np.expand_dims(x, axis=0) / 255.0
preds = model.predict(x)[0]
class_names = ['A', 'O']
predicted_index = np.argmax(preds)
predicted_class = class_names[predicted_index]
plt.imshow(img)
plt.axis('off')
plt.title("Predicted Class: {}".format(predicted_class), fontsize=16)
plt.show()
print("Predicted class for {}".format(img_path): {}".format(predicted_class))
```

WARNING:tensorflow:No training configuration found in the save file, so the model was 'not' compiled. Compile it manually.

WARNING:tensorflow:5 out of the last 5 calls to <function Model.make_predict_function.<locals>.predict_function at 0x7ad9243e1d40> triggered tf.function retracing. Tracing is expensive and the excessive number

1/1 [=====] - 1s 949ms/step

Predicted Class: A



Disk 67.50 GB available

Variables Terminal

7:34 PM Python 3