

Test with saved model

```
from tensorflow.keras.model import load_model
model=load_model('C:/User/Users/Documents/models/mnistCNN.h5')
from PIL import Image
import numpy as np
for index in range(4):
    img=Image.open('data/' + str(index) + '.png').convert("L")
    img=img.resize((28,28))
    im2arr=np.array(img)
    im2arr=im2arr.reshape(1,28,28,1)

    y_pred=model.predict(im2arr)
    print(y_pred)
```

```
] predictions = model.predict([x_tester])

print(np.argmax(predictions[54]))

plt.imshow(x_test[54])
```

313/313 [=====] - 9s 27ms/step

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<matplotlib.image.AxesImage at 0x7fe83930aa50>

