



image\_path = "/content/drive/MyDrive/Colab Notebooks/images/jenna.jpeg"

target\_size = (96, 96)

image = tf.io.read\_file(image\_path)

image = tf.image.decode\_image(image, channels=3)

resized\_image = tf.image.resize(image, target\_size)

resized\_image\_numpy = resized\_image.numpy().astype(np.uint8)

temp\_image\_path = "resized\_jenna.jpeg"

cv2.imwrite(temp\_image\_path, cv2.cvtColor(resized\_image\_numpy, cv2.COLOR\_RGB2BGR))



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| It's jenna, welcome home! (0.0, True) |
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image\_path = "/content/drive/MyDrive/Colab Notebooks/images/jenna\_2.jpeg"

target\_size = (96, 96)

image = tf.io.read\_file(image\_path)

image = tf.image.decode\_image(image, channels=3)

resized\_image = tf.image.resize(image, target\_size)

resized\_image\_numpy = resized\_image.numpy().astype(np.uint8)

temp\_image\_path = "resized\_jenna.jpeg"

cv2.imwrite(temp\_image\_path, cv2.cvtColor(resized\_image\_numpy, cv2.COLOR\_RGB2BGR))

verify(temp\_image\_path, "jenna", database, FRmodel)

| It's not jenna, please go away (0.86885124, False) |
| --- |

image\_path = "/content/drive/MyDrive/Colab Notebooks/images/jenna.jpeg"

target\_size = (96, 96)

image = tf.io.read\_file(image\_path)

image = tf.image.decode\_image(image, channels=3)

resized\_image = tf.image.resize(image, target\_size)

resized\_image\_numpy = resized\_image.numpy().astype(np.uint8)

temp\_image\_path = "resized\_jenna.jpeg"

cv2.imwrite(temp\_image\_path, cv2.cvtColor(resized\_image\_numpy, cv2.COLOR\_RGB2BGR))

output = who\_is\_it(temp\_image\_path, database, FRmodel)

it's jenna, the distance is 0.0

{'danielle': 1.1203943, 'younes': 0.9498303, 'tian': 1.127015, 'andrew': 0.89993286, 'kian': 0.6634865, 'dan': 0.8696159, 'sebastiano': 0.80749273, 'bertrand': 0.96896297, 'kevin': 0.7329034, 'felix': 0.9931094, 'benoit': 0.7144221, 'arnaud': 0.78297764, 'jenna': 0.0}