Discussion Forums > Week 4

TypeError: Image data of dtype complex128 cannot be converted to float

SM **Satyanarayana Medicherla**   8 months ago

Can someone help me?

   I am getting this error shown in the title when I run the following code:

reconst, _, _, _ = PCA(X, num_components=10)

num_images_to_show = 10

reconst_images = np.reshape(reconst[:num_images_to_show], (-1, 28, 28))

fig, ax = plt.subplots(2, 1, figsize=(num_images_to_show * 3, 3))

ax[0].imshow(np.concatenate(np.reshape(X[:num_images_to_show], (-1, 28, 28)), -1), cmap="gray")

ax[1].imshow(np.concatenate(reconst_images, -1), cmap="gray");

👍 Like 1   💬 Reply 3   ➕ Follow this post   ⋯ More

---

3 Replies   Recent ⌄

Rafael Han   6 months ago

Worked. Thanks.

👍 Like   💬 Reply   ⋯ More

SM **Satyanarayana Medicherla**   8 months ago

Thanks Sandra.   It worked.   Thank you so much.

👍 Like   💬 Reply   ⋯ More

SS   **Sandra Shimon**

Sharing this from another post since it is relevant to your question:

If you are getting the error cannot convert complex128 to float, use numpy's real attribute. This will consider only the real term of the projection vector and give you the output.

E.g.: ax[1].imshow(np.concatenate(reconst_images.real, -1), cmap="gray");

👍 **Like 9**   💬 **Reply**   ••• **More**