

Reshaping the 3D train_images array for 2D only model

Anonymous posted Mar 13, 2019 12:34 PM



Good afternoon,

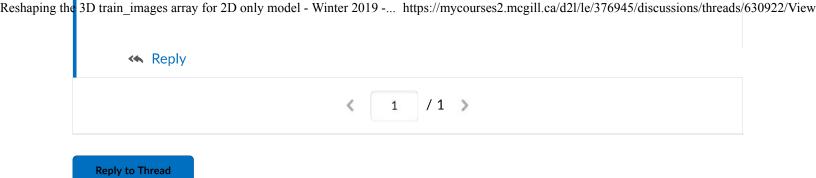
I'm running into some issues with SVM as I am trying to fit it with train_images, which are 3d arrays. I understand that SVM on scikit can take max 2D arrays, I'm just wondering how to go about this with this data? I have tried reshaping with the following:

nsamples, nX, nY = np.shape(X)
X = np.reshape(X, (nsamples, nX*nY))

That I found online but I am not sure of this method as I'm still running into errors. Thanks for any help in advance.

Reply to Thread Show: Threaded Filter by: All Posts 💙 Clear filters Will Hamilton March 15 at 2:59 PM Hi, Indeed, the reshaping approach should fix this, and the code you posted for reshaping looks (at a glance) to be correct. It is hard to fully debug over the discussion board, but if you reshape/flatten the images, then you should be able to make things work with SciKit learn. In general, I highly recommend attending office hours for these kind of debugging questions, since the TAs (or myself) can give more hands in advice in person. Best, Will

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