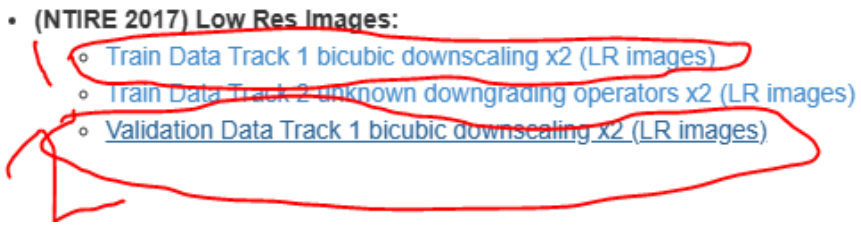
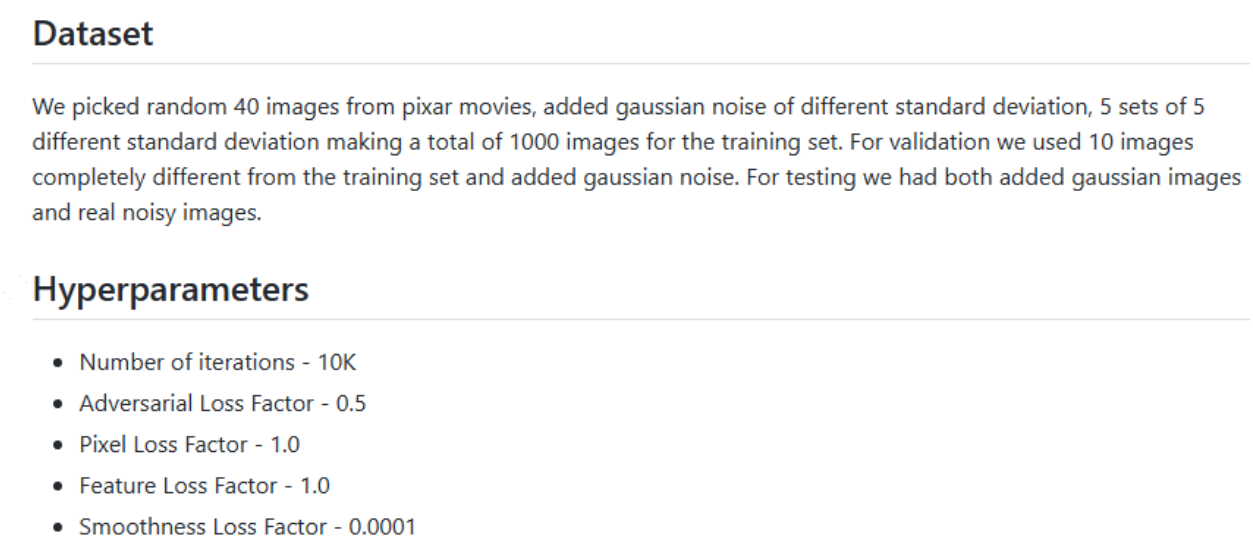
Hi friend i will describe details. This is the dataset that we will use.

http://data.vision.ee.ethz.ch/cvl/DIV2K/DIV2K_train_LR_bicubic_X2.zip

http://data.vision.ee.ethz.ch/cvl/DIV2K/DIV2K_valid_LR_bicubic_X2.zip



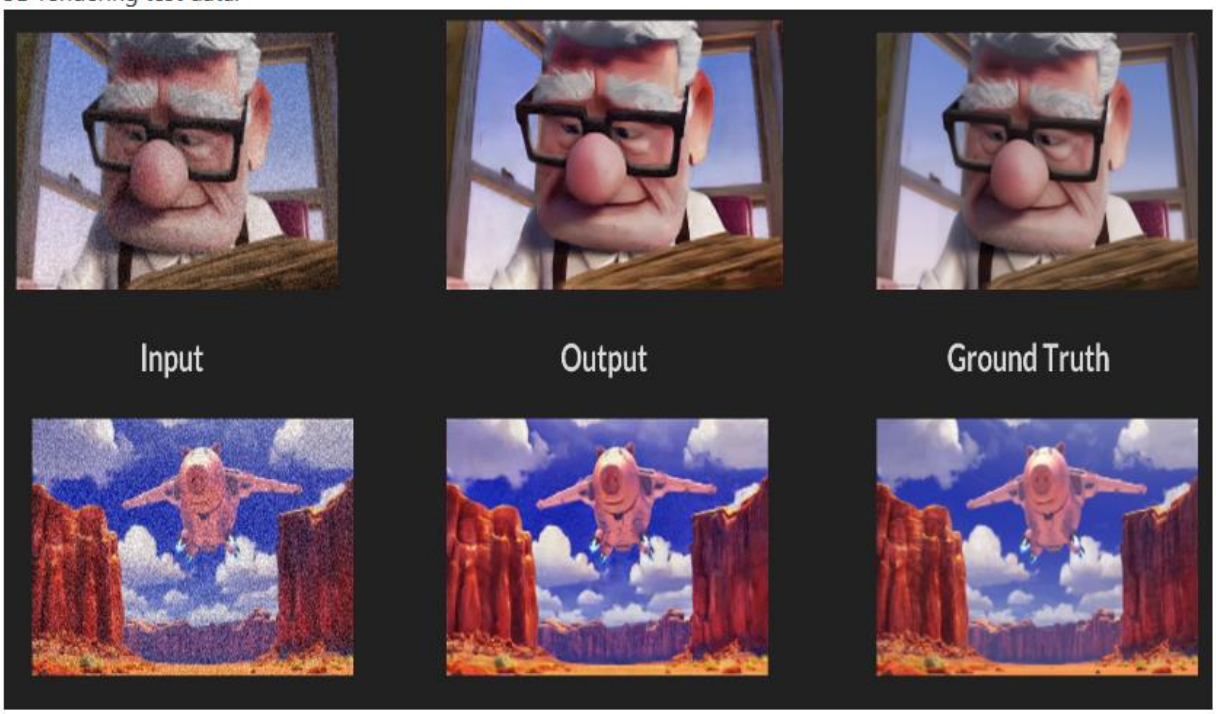
We will train it and try to denoise it on this dataset. Can u show hyperparameters and model summary as comments in code as shown in a image below(including noise u added like, u can add any noise u want). Can u also share full code so that i can show it to tuitor and i want to be able to choose random images from test dataset and denoise it by myself. I want 2 different noise variation with 25 and 50. Can u reshape our image to 128*95 if its tough u can reshape it as u wish cuz it will take time and add noise(25 and 50). Our model ask us to give noisy image and it produces noiseless image.



I want you to send me 4-5 pictures of noisy-denoised-ground-truth images as shown below(its just example). It would also good if u visualize things that u can do. In a nutshell i need to explain it to them

fully. Thanks, good luck.

3D rendering test data:



Can u also add ssim mse psnr scores. I will add to compare it with others like below.

Index	INPUT	NCSR	WNNM	EPLL	BM3D	DnCNN	Ours
PSNR (↑)	17.2576	23.9079	24.0338	24.6168	26.0641	25.2138	**27.0916**
MSE (↓)	1226.5441	271.6324	287.5963	248.9331	176.1172	202.5893	**138.4097**
SSIM (↑)	0.2869	0.5897	0.6133	0.6425	0.7360	0.6393	**0.7590**

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