ML Course 2019 : Assignment-3

Weizmann Institute Of Science

10.03.2019

Which dataset to use ?

Same aeroplane dataset as 1st exercise

Do the classification in 4 classes using your own model built from scratch .

Store the weights for the first and last two epochs .

Plot the initial/final weights of the convolutional layers.

Put a well classified image through the trained layers to demonstrate which part of the images are picked up by the trained learner to correctly classify the image.

Repeat the same exercise for a mis-classified image and demonstrate which aspects of the image lead to wrong identification. .