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Git Hub Link: <https://github.com/JahnaviVardharajula18/NeuralNetworkDeepLearning_Assignment_4>

Video link: <https://drive.google.com/drive/folders/1alRltufwQSvd6rjeF2Fyo84jct9VRqjs?usp=drive_link>

In class Programming:

1. Add one more hidden layer to auto encoder

A screenshot of a computer program

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A screenshot of a computer program

Description automatically generated

Output 1:

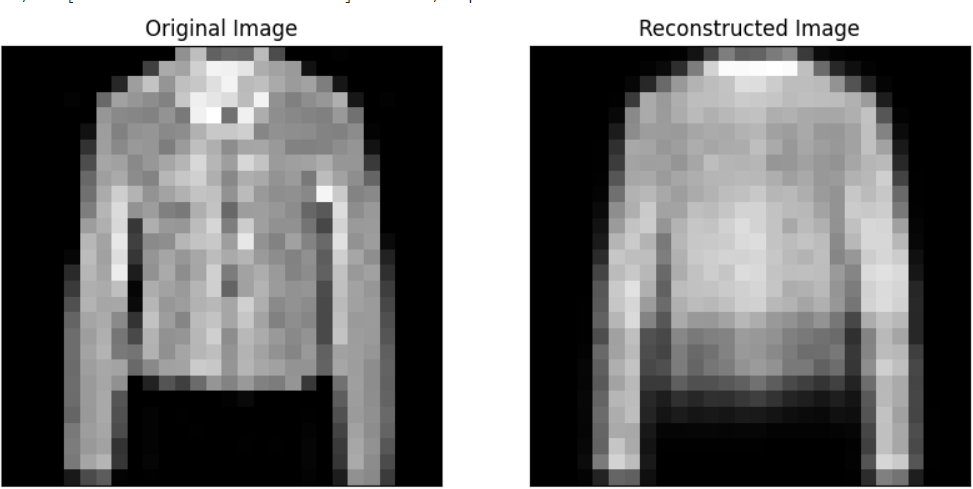
A black text on a white background

Description automatically generated

1. Do the prediction on the test data and then visualize one of the reconstructed version of that test data. Also, visualize the same test data before reconstruction using Matplotlib

A screenshot of a computer program

Description automatically generated



1. Repeat the question 2 on the denoisening autoencoder

A screenshot of a computer program

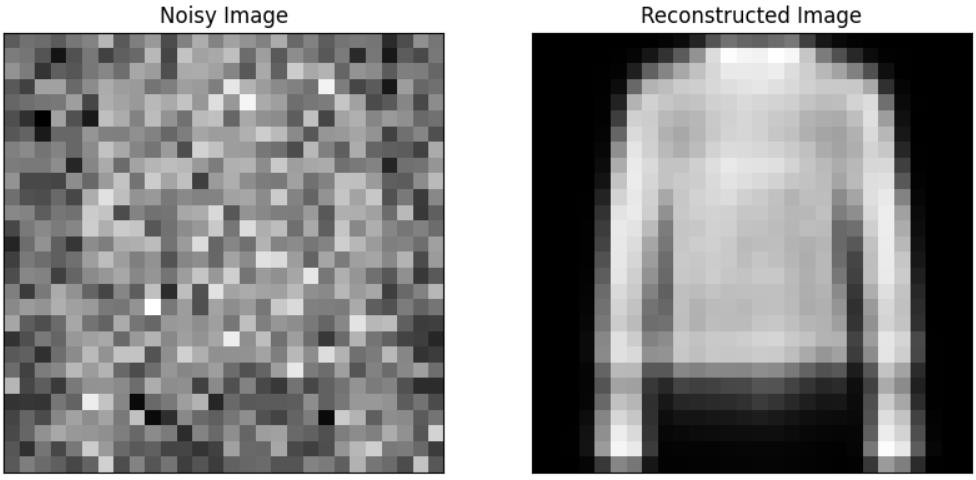
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A table of numbers with black text

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A screenshot of a computer program

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1. plot loss and accuracy using the history object

A computer screen shot of a computer code

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A screenshot of a graph

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