**ASSIGNMENT-8**

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**GITHUB:** **https://github.com/pxk09750/icp8**

1. Add one more hidden layer to autoencoder.
2. Do the prediction on the test data and then visualize one of the reconstructed versions of that test data.

Also, visualize the same test data before reconstruction using Matplotlib.

**A screenshot of a computer program

Description automatically generated**

**A screenshot of a computer program

Description automatically generated**

**A collage of images of clothing

Description automatically generated**

**OUTPUT:**

**A graph with a line

Description automatically generated**

1. Repeat the question 2 on the denoisening autoencoder
2. plot loss and accuracy using the history object

**A screenshot of a computer program

Description automatically generated**

**A screenshot of a computer code

Description automatically generated**

**A computer code with text

Description automatically generated with medium confidence**

**A collage of images of clothes

Description automatically generated**

**OUTPUT:**

**A graph with a line

Description automatically generated**