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NN & DL - Assignment 4

**Video Link:** <https://drive.google.com/file/d/1oAlMYKqe8uHPAYjhjIuR8BFY-Pvs1EIC/view?usp=sharing>

GitHub Link: <https://github.com/Kalyansai6/Neural-Network-Assignment-IV>

Question 1:

Importing set of libraries

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**Autoencoder without hidden layer encoder, coder and decoder**

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**Training and testing the data with history label and encoded and decoded images.**

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**Prediction on the test data and then visualize one of the reconstructed versions of that test data using matplotlib.**

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**Autoencoder with hidden layer and train and test**

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***A screenshot of a computer program

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Question 2:

**Predicting the test data**

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**Output:**

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**Graph using history label to display train and validation**

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**Questions 3 & 4:   
  
Training and Testing the data between 0 and 1 range.**

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***A screenshot of a computer code

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**Output:**

***A screenshot of a computer

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