

Assignment 3 - Moodify

You have to complete the following kaggle task. You have to create a feed-forward neural network from scratch. You have to code using only numpy and pandas. You cannot use Scikit-learn, Tensorflow, Pytorch, or any Deep learning library.

<https://www.kaggle.com/c/cs419m-2021-assignment-2/overview>

Use mini-batch gradient descent on cross-entropy loss. You have to mention the procedure you followed, loss and accuracy that you achieved in the report.

You have to complete the following Kaggle task of MNIST Digit Recogniser. You can use Tensorflow for making the model.

<https://www.kaggle.com/c/digit-recognizer/overview>

The task has been explained clearly and the dataset is also provided with an explanation.

Submit the task on Kaggle and check the score that you achieved. Mention the procedure that you followed and score that you achieved in report.