mlp

# library link

<https://github.com/pytorch/tutorials/blob/master/beginner_source/blitz/neural_networks_tutorial.py>

we can implement it.

# basic description

Multi-layer perceptron(MLP) is a model in which several layers consisting of perceptron are sequentially attached. MLP is also called a forward deep neural netowrk(FFDNN).

# version

* Pytorch >= 1.10.1+cu102 (pip install torch)
* sklearn >= 0.22.1 (pip install sklearn)
* pandas >= 1.0.1 (pip install pandas)
* torchvision >= 0.11.2 + cu102 (pip install torchvision)
* colab

# dataset

* MNIST handwritting data set.

# code description

code for obtaining the accuracy of handwriting data and actual data through MLP.

# validation

* Accuracy is obtained using test data sets from existing MNIST embedded data sets.