CNN

# library link

<https://github.com/pytorch/tutorials/blob/master/beginner_source/blitz/cifar10_tutorial.py>

we can implement it.

# basic description

Convolutional Neural Netowrk (CNN) is a useful algorithm for finding patterns to analyze images, learning images directly from data and classifying images using patterns.

# version

* Pytorch version >= 1.10.1+cu102
* sklearn version >= 0.22.1
* pandas version >= 1.0.1
* torchvision >= 0.11.2 + cu102
* Colab

# dataset

* CIFAR data set.

# code description

* Code to compare the actual label with the label predicted using CNN..

# validation

* The test dataset is divided in CIFAR and verifed through learned CNN.