

Paired MNIST

Training data description: The dataset has two parts

- num_pair: Concatenated tensor of two images. 2x28x28 tensors are stacked 60k times. **i.e., shape: (60k, 2, 28, 28)**
- summation: 1 dimensional tensor
- e.g.) tensor([3, 2, 5, ..., 7, 16, 18]), shape=[60000]

Test data description:

- image: 2x28x28 tensors are stacked 10k times. **i.e., shape: (10k, 2, 28, 28)**
- label: 1 dimensional tensor.

(Use the one you prefer, whichever one you use does not matter)

Two file types

- `*.pt` : torch dataset (import torch; torch.load("data path"))
- `*.pkl` : pickle (import pickle; ... pickle.load("data path"))

Two data formats:

- training `_data` .*, test `_data` .* : tuple
- training `_dict` .*, test `_dict` .*: dictionary