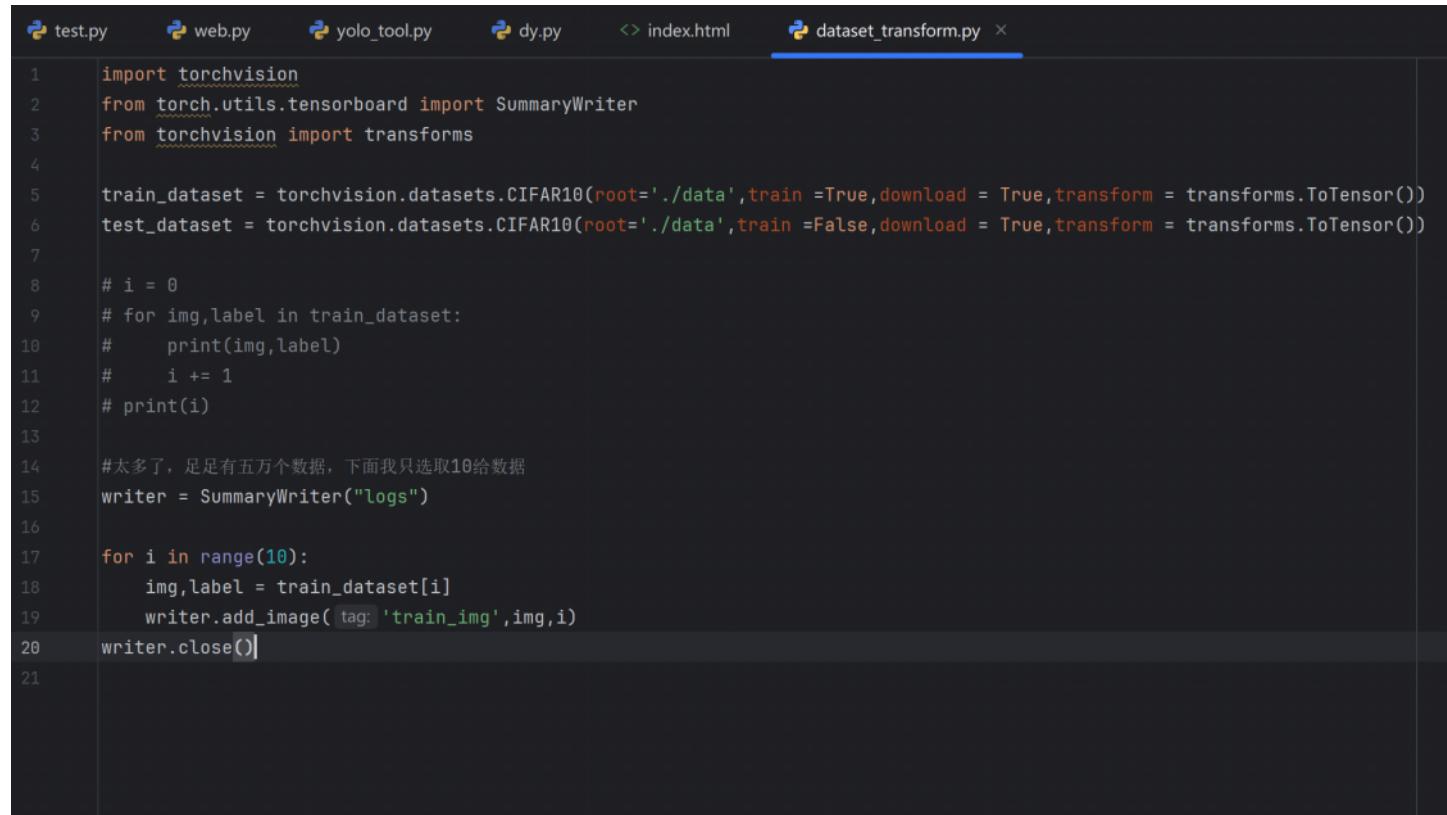


# torchvision中数据集的使用

2025年11月20日 22:19

```
test_dataset = torchvision.datasets.CIFAR10(root='./data', train=True, download=True, transform=transforms.ToTensor())
int i = 0
for img,label in train_dataset:
    print(img,label)
    i += 1
```



```
1 import torchvision
2 from torch.utils.tensorboard import SummaryWriter
3 from torchvision import transforms
4
5 train_dataset = torchvision.datasets.CIFAR10(root='./data', train=True, download=True, transform=transforms.ToTensor())
6 test_dataset = torchvision.datasets.CIFAR10(root='./data', train=False, download=True, transform=transforms.ToTensor())
7
8 # i = 0
9 # for img,label in train_dataset:
10 #     print(img,label)
11 #     i += 1
12 # print(i)
13
14 #太多了，足是有五万个数据，下面我只选取10给数据
15 writer = SummaryWriter("logs")
16
17 for i in range(10):
18     img,label = train_dataset[i]
19     writer.add_image(tag='train_img', img, i)
20 writer.close()
```