**Tensor.type(dtype)**

将张量原本的数据类型修改为dtype类型  
a = torch.LongTensor([[1,2,3],[4,5,6]])

print(a,a.dtype)

b = a.type(torch.FloatTensor)

print(b,b.dtype)

>>>

tensor([[1, 2, 3],

[4, 5, 6]]) torch.int64

tensor([[1., 2., 3.],

[4., 5., 6.]]) torch.float32