5.1 Logistic Regression: Prediction

LATEST SUBMISSION GRADE

100%

1. Will the following line of code run: **1 / 1 point**

```
1    model = nn.Sequential(nn.Linear(2, 1), nn.Sigmoid())
2    x = torch.tensor([[1.0]])
3    yhat = model(x)
```

- ◉ no
- ○ yes

✓ **Correct**

correct, the input tensor x is only one dimension , linear has a 2d input.

2. How would you apply the sigmoid function to the tensor z **1 / 1 point**

```
1    z=torch.arange(-100,100,0.1).view(-1, 1)
```

☑

```
1    sig=nn. Sigmoid ()
2    yhat=sig(z)
3
```

✓ **Correct**

correct

☑
```
1    yhat= torch.sigmoid(z)
2
```

✓ **Correct**

correct