

5.3 Logistic Regression Cross Entropy Loss

LATEST SUBMISSION GRADE

100%

1. Whats the problem with obtaining the parameters for Logistic Regression and mean squared error

1 / 1 point

- ☒ during training, you may not reach the minimum of the cost surface
- ☐ nothing, you should always use the mean squared error

✓ Correct
correct

2. What function does the following lines of code perform:

1 / 1 point

```
1 def criterion(yhat, y):  
2     out = - 1 * torch.mean(y * torch.log(yhat) + (1 - y) * torch.log(1 - yhat))  
3     return out  
4
```

- ☒ calculate the Cross Entropy loss or cost.
- ☐ calculate the mean squared error

✓ Correct
correct