

3.3 Optimization in PyTorch

LATEST SUBMISSION GRADE

100%

1. What does the following line of code do?

1 / 1 point

`optimizer.step()`

- ☒ Makes an update to its parameters
- ☐ Makes a prediction
- ☐ Clears the gradient
- ☐ Computes the gradient of the loss with respect to all the learnable parameters

✓ Correct
correct

2. What's wrong with the following lines of code?

1 / 1 point

```
1 optimizer = optim.SGD(model.parameters(), lr = 0.01)
2 model=linear_regression(1,1)
```

- ☒ The model object has not been created. As such, the argument that specifies what Tensors should be optimized does not exist
- ☐ There is no loss function
- ☐ You have to clear the gradient

✓ Correct
correct