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