

Machine Learning in Natural Language Processing: Assignment 3

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1 Implementation

In the official PyTorch document¹ there is a tutorial on how to use an optimizer. So following the tutorial, we just need to create an optimizer and plug in its parameters first (SGD in this case as it is required in the lab instruction, also remember to put in `weight_decay` as it is useful in the later work), clear the gradients by calling `optimizer.zero_grads()`, calculate the loss gradients by `training_loss.backward()`, step forward (`optimizer.step()`) and we will make the gradient decent.

¹<https://pytorch.org/docs/stable/optim.html>