

I looked at multiple youtube videos and read a lot of guides about PyTorch but I'm not sure if what I have is correct.

I loaded the Breast Cancer dataset from scikit-learn and then split it into 80% training and 20% testing. From there, I converted the data to PyTorch tensors. I then initialized model weights. This was a binary classification and a sigmoid function was used as an activation function for the last layer of the neural network. The log loss function was used for our loss function. With the learning rate as 0.01, I trained and made predictions. And the result of the Neural Network was Train Accuracy : 0.98 and Test Accuracy : 0.85.