

Extra Tips for the Assignment

- Double-check that the length of your `Dataset` and `DataLoader` is correct.
- Make sure augmentations are applied consistently to both the input image and the label. For example, if you rotate the image, the label must be rotated in the same way.
- Apply data augmentation only during training, not during evaluation.
- Verify that your model is implemented correctly. For example, according to the architecture, the output channel size should be **2**.
- Confirm that your loss function is used correctly. Some losses expect **logits** as input, while others expect **probabilities**. Check the PyTorch documentation for the loss you are using.