

EE P 596 Lab Report Guidelines

Lab Report Checklist

Make sure your code achieves the assigned tasks

Each assignment has a clear set of tasks or goals you need to achieve. Be sure to read the tasks carefully and make sure your code/Neural Net model meets such goals.

Clean/organize your code in the final submission

Starting from lab 2, make sure each step in neural net training workflow (e.g., data prep, define model, select hyperparameters, identify tracked values, train model, evaluate model) is clearly defined in your code. Clean up the code that is not needed for your final report.

Comment your code

Comments should provide sufficient information about how your code functions. At minimum, include a short sentence explaining each crucial step in your code. Comments in provided example notebooks and lab template should provide good guidelines.

Make sure your submitted notebook contains all the results

Upon submission make sure your notebook cells are all “executed” such that they show your finished work. For example, your submitted notebook should contain all the information about your training process (e.g., training loss, validation accuracy per epoch) and your final testing accuracy, graphs etc. This is so that we don’t have to re-train your model upon grading.

Make your graphs readable

All information given in your graph should be readable. This includes size of your graph, proper labels for x,y axis, title, and legends etc.

Submitting your lab report

Your lab report should be in **jupyter notebook** (.ipynb) that builds on top of the provided lab template notebook.

Set filename to be “Lab_#_XYZ.ipynb” where # = lab number, XYZ = Your name – e.g., Lab_1_JiminKim.ipynb.

You can download your jupyter notebook from File -> Download as -> Notebook.