

CPSC-5616 Project Deliverable and Final Report Format

Deliverable:

1. Presentation
2. Complete executable code in Matlab/Python
3. Project report
4. Data set used for training

Your course project report should include the following pages and sections:

1. Title page
2. Table of Content
3. Abstract
4. Introduction
5. Problem formulation and Calculation
6. Results and Discussion
7. Conclusion
8. Reference

APENDIX A: your complete code

APENDIX B: Training Data you used for training

Note:

Results includes your training results, learning curve, structure of your NN model (number of layers, neurons, etc.). Please note that use the following improvement methods when training your NN and compare the results with and without using them.

- a. Initializing weights
- b. Over-fitting / regularization
- c. Address issues of slow learning
- d. Different Output Activation Functions
- e. Sequential and Batch Training
- f. Local Minima
- g. Mini-batches