Current Problem

* Dataset:
  + Only use kddcup.data\_10\_percent.gz files for training and testing. In the future use kdd99cup.data.gz
  + Kdd99 contains large duplicate of data.
  + Only use Wednesday-workingHours.pcap\_ISCX.csv. In the future use all datafile
* Training process:
  + Current using train epoch and schedule from CIL survey, using on Image Classification (need change in the future)
  + Generalizability of NIDS dataset (problems of NIDS, not CIL)
  + Limited number of classes (change configuration to train 2 classes per time)
  + Load weight (I want to load weight and reuse the model, don’t have time to figure that out yet)
* Model
  + Need to understand how memory is calculated and optimized in MEMO Net compared to DER net (Backbone expansion)
  + More model of different methods implementing.
  + The current model has loss = 0 after 2 epoch (with batch size 128)