

## ML2021Spring HW3 Report

Public Score (Accuracy)	Private Score (Accuracy)
0.83094	0.82546

The method I used to pass the strong baselines is the ensemble technique. I train 4 simple CNN models separately. The first model only use labeled data, and the remaining models utilize unlabeled data (semi-supervised learning). I perform four ensembles. First ensemble the first 3 models by majority vote, second ensemble the last three models by fusion (average), third ensemble the last three models by majority vote, and the last ensemble performs majority vote on the previous three ensembles.