Final-term Project J.H. Lee, Dept. of Software, Sungkyunkwan Univ.

Dataset

Image dataset

Fake Testset

Testset is completely fake and only given to build a test program

Requirements

Tasks

Use PyTorch

Design a Deep Learning model to classify the provided dataset

Train and save the model

Write a python program to load and test the model

Write a report which includes:

- The explanation of preprocessing of the data
- The explanation of the architecture of the model
- Process and results of training

Requirements

Environment

The program must be able to run in:

- Ubuntu 18.04LTS
- Python 3.6+
- NumPy 1.18+
- PyTorch 1.5.0
- Torchvision 0.6.0

Submission

[student id number].zip

Codes

- Train file → 'train_[student id number].py'
- Test file → 'test_[student id number].py'
- Any other python files should be under folder 'utils_[student id number]'

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Model file → 'model_[student id number].pth'
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Report → '[student id number].pdf'

Zip everything under → '[student id number].zip'

Submission due date 19 June 2020

Criteria

Grades

Rank by test accuracy 50% Report 50%

--- Warning ---

Plagiarism, submitting a model that is not trained by the train program will give you "F"

Plagiarism will be decided by common sense

Every day late in submission gets 15 points off