Black Box Model Extraction on SwinT

Team 17

A. Training

Setup

- Download the entire folder on your local drive.

- Navigate to the folder directory, and setup the virtual environment as:

  ```
  >python -m venv v1
  >source v1/bin/activate
  ```

- Install necessary dependencies

  ```
  >pip install -U torch==1.8.0+cu101 torchvision==0.9.0+cu101 torchtext==0.9.0
  torchaudio==0.8.0 -f https://download.pytorch.org/whl/torch_stable.html
  >pip install mmcv-full==1.4.0 -f
  https://download.openmmlab.com/mmcv/dist/cu101/torch1.8.0/index.html
  >pip install -r VST/requirements.txt
  ```

  Note that the above versions have been chosen corresponding to the CUDA version
  on our device (=CUDA 11.2).

- Run `train.py` script. The checkpoints will be stored in the folder `checkpoint`
  in the base directory

Training was done on a Linux server equipped with NVIDIA Tesla V100 32GB.