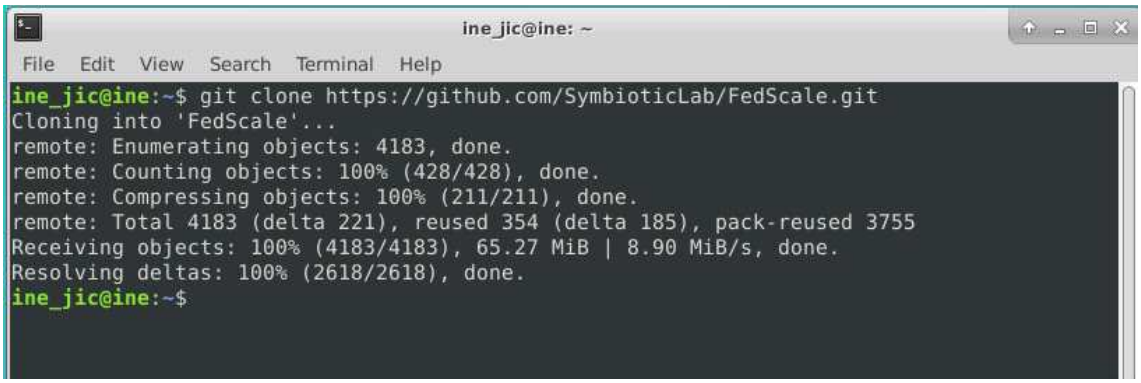
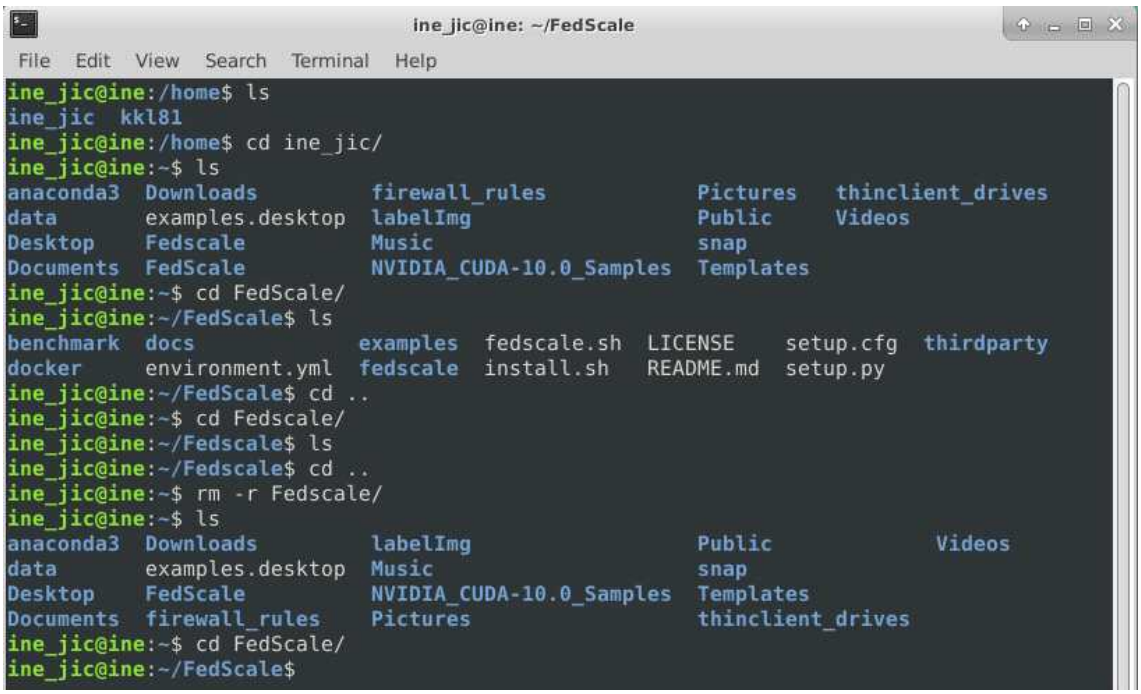
FedScale 실습 in ubuntu

git clone https://github.com/SymbioticLab/FedScale.git

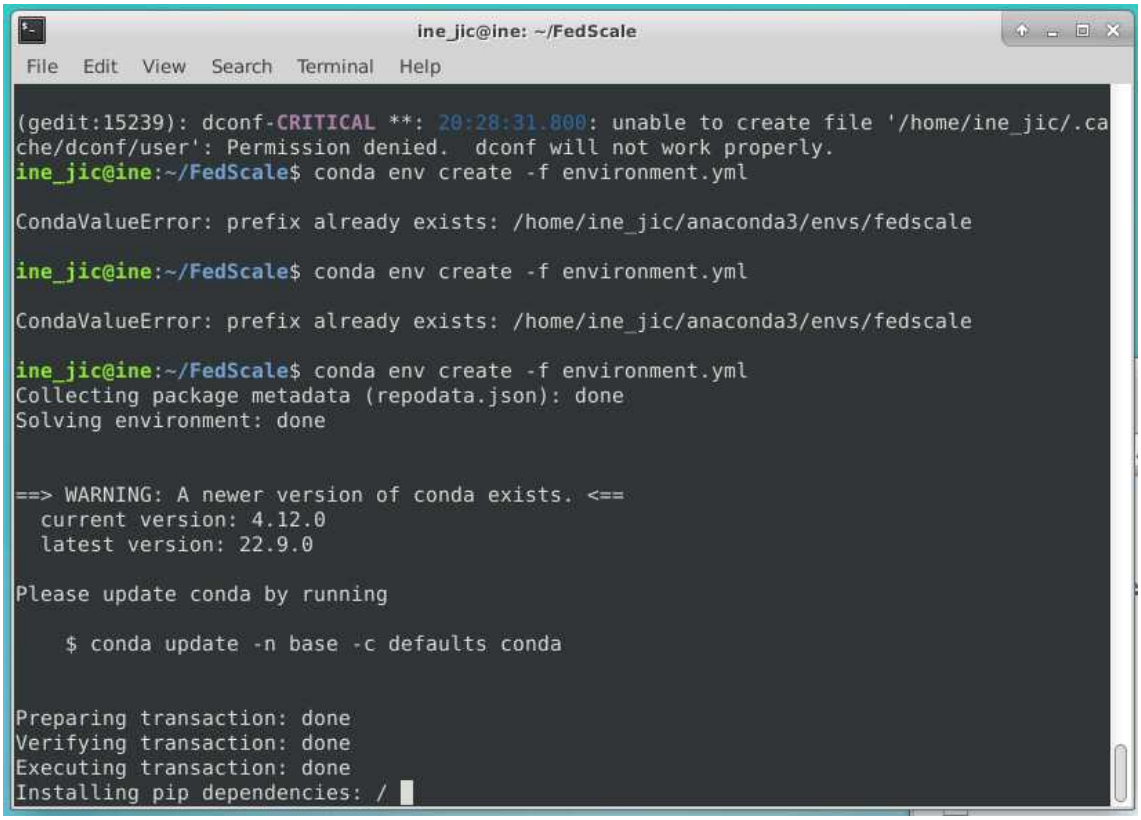


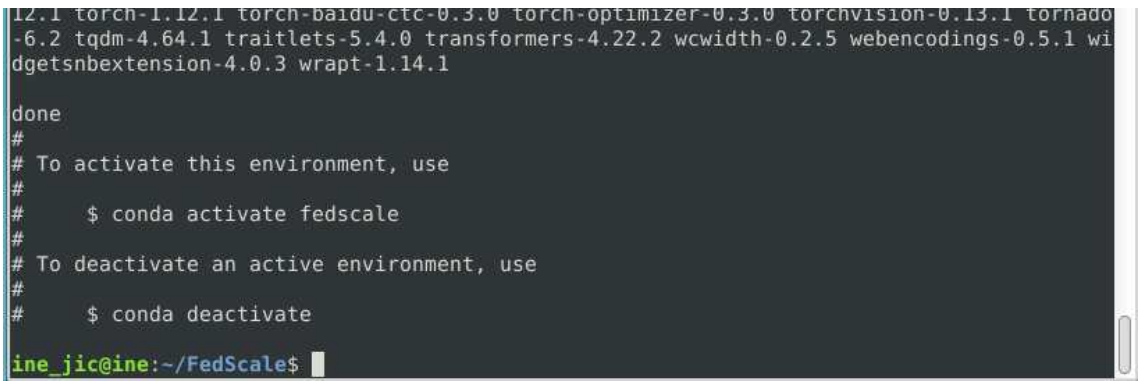


cd FedScale

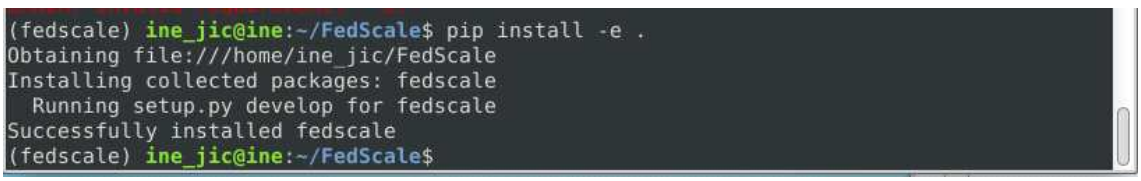
# Please replace ~/.bashrc with ~/.bash_profile for MacOS
FEDSCALE_HOME=$(pwd)
echo export FEDSCALE_HOME=$(pwd) >> ~/.bashrc
echo alias fedscale=\'bash $FEDSCALE_HOME/fedscale.sh\' >> ~/.bashrc
conda init bash
. ~/.bashrc

conda env create -f environment.yml

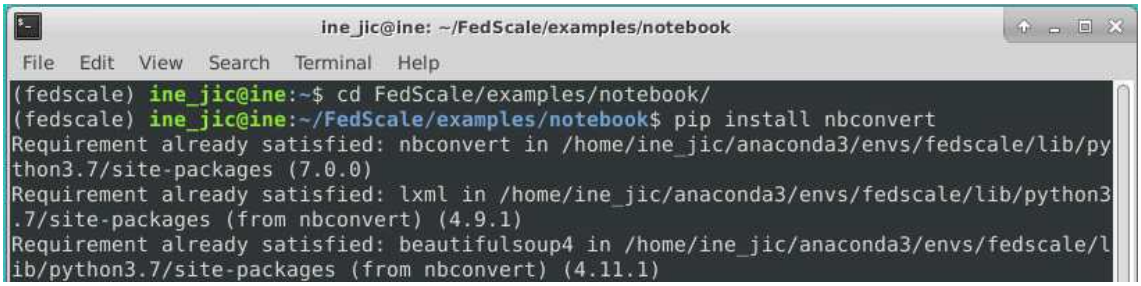




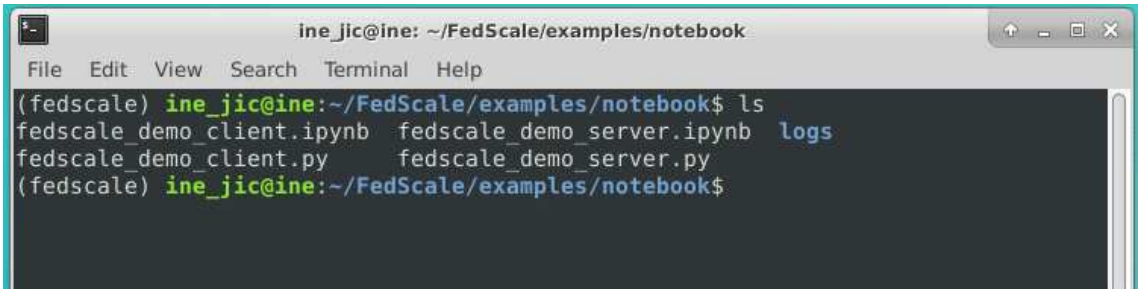
conda activate fedscale
pip install -e .



cd Fedscale/example/notebook
pip install nbconvert



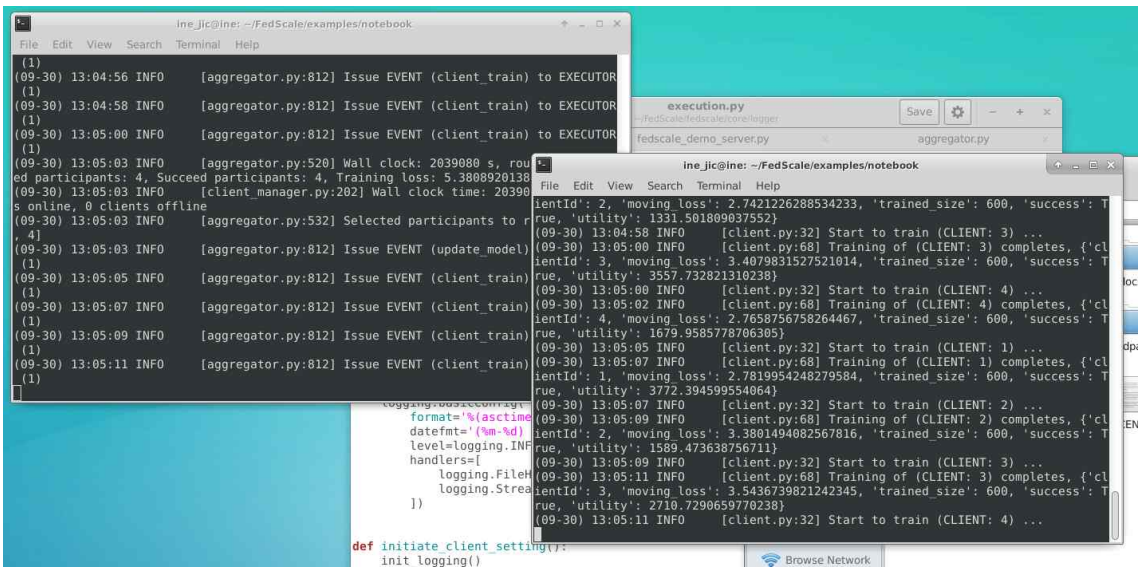
jupyter nbconvert *.ipynb —to script



이슈 : from fedscale.core.logger.execution import args 에러

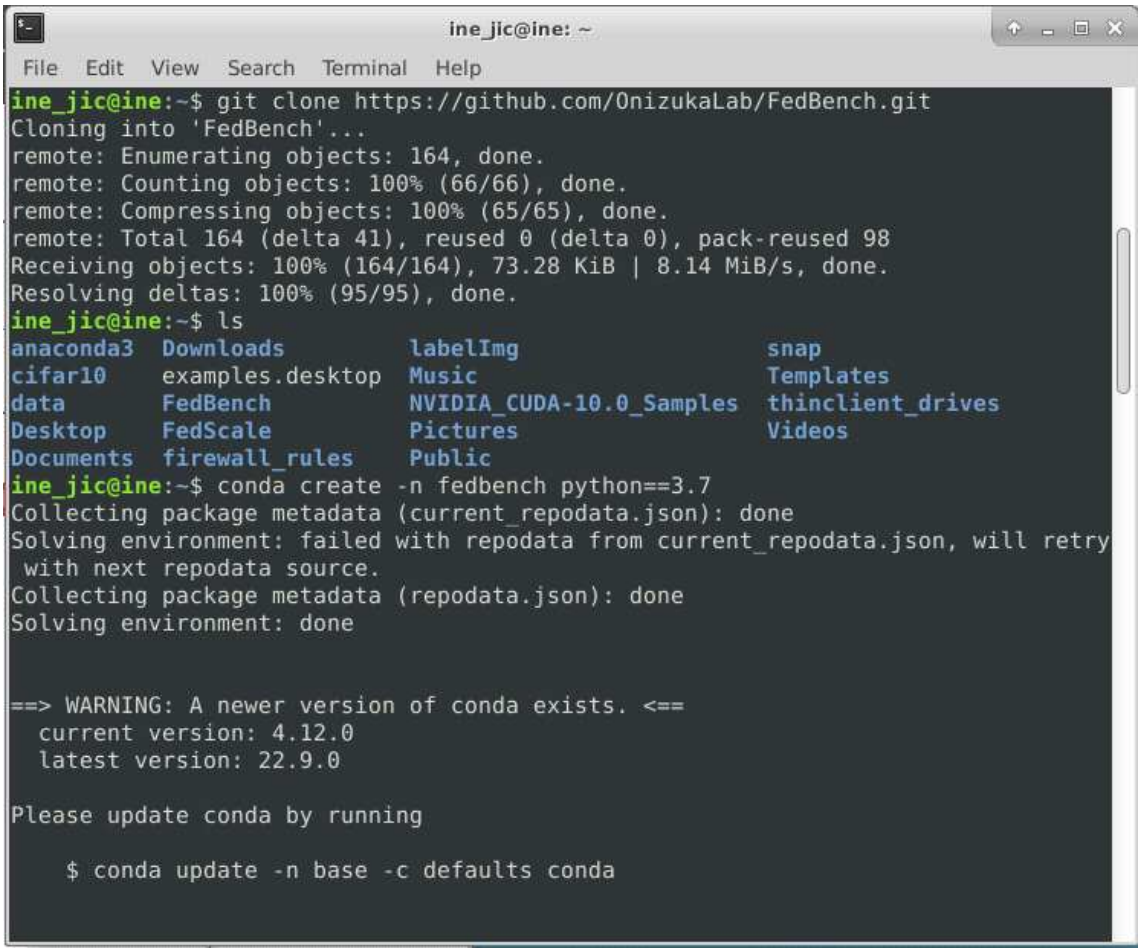
해결 방안 : pip uninstall fedscale 이후 다시 설치 pip install fedscale

서버 실행 : python fedscale_demo_server.py
클라이언트 실행 : python fedscale_demo_client.py



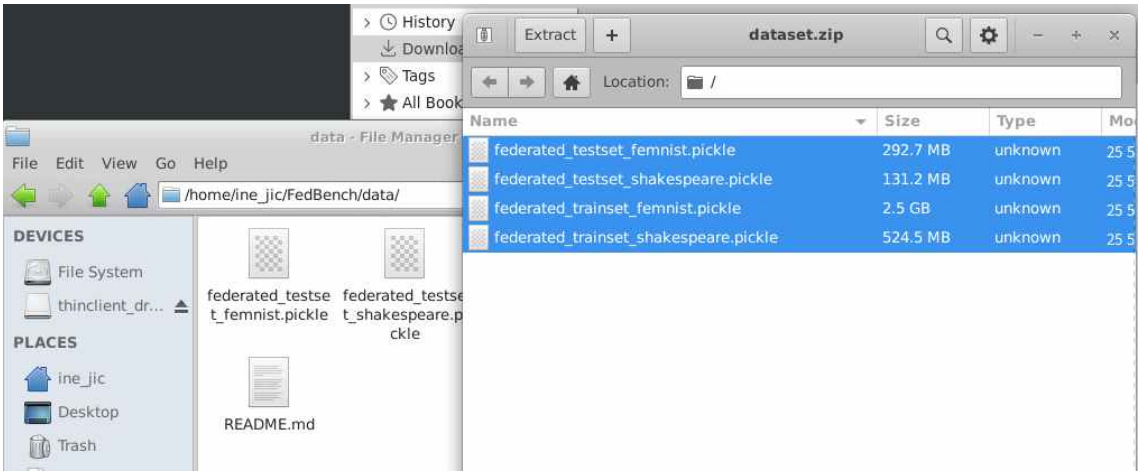
FedBench 실습 in ubuntu

git clone https://github.com/OnizukaLab/FedBench.git
conda create -n fedbench python==3.7



conda activate fedbench
cd FedBench/
pip install -r requirements.txt

https://drive.google.com/file/d/1NfmKUFeDogD6DlXkbyhbXI197F3ZfZ02/view
다운로드 받은 데이터를 ./data 복사



cd ./code
jupyter notebook