NCHC AI Platform

Chien-Chih Chen

Login Portal

- https://aitrain.nchc.org.tw
    - Use NCTU IP (140.113.x.x) to login
    - Register with your email you filled in the questionnaire

Start from our exercise image

- NCTU

DL Systems and Realization

NCTU image

- In the image, installed
  - Pytorch-0.41, Jupyter notebook-base-notebook
  - python-matplotlib、python-opencv、…
- Volumes
  - RO: /tmp/dataset-nctu
    - Shared datasets: Cifar-10(https://www.cs.toronto.edu/~kriz/cifar-10-python.tar.gz)、Food-11(https://mmspg.epfl.ch/food-image-datasets)
  - R/W: /tmp/work
    - 15GB limitation
- Available on DockerHub
  - You can pull it named nchcai/train:nctu-v1

DL Systems and Realization

Jupyter notebook

- Upload a prepared notebook (*.ipynb)

- Create your notebooks for assignments

- How to use notebook
  - https://medium.com/@yehjames/資料分析-機器學習-第1-2講-jupyter-notebook介紹-705f023e3720

DL Systems and Realization