

Deep learning 1 Progress Report (week 13)

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“OCR-free Document Understanding Transformer”

1. Computing facility used:

First trying : Colab pro + -> expired on 26, May

Second trying : Colab pro -> used all GPU

Now : GPU server

2. Code progress

First, we tried to follow training step on Github, but even we used Colab pro plus, training failed because lack of RAM.

So, we found other way to train model using pytorch lightning from scratch, and we can set config more carefully.

Now we trying to train model with that, using GPU server. But, during max_epochs 30, server connection was down around epoch 13~15 everytime, so we think we gotta set max_epochs to about 10.

Also, using model which trained with epoch 1, evaluation step is progressed. Now we need just code demo (to show at presentation) and training model 10 epochs.

3. Task division

Team members are doing their divisions very well. One is making powerpoint understanding papers well, and the other is running codes and training mainly. And last one dealing both. Above each division work, every team members help each other.

When one is facing errors of codes, others try to find to fix that together. And feedbacks are very actively given.