Lecture 8 - Project Admin

DD2424

April 2, 2019
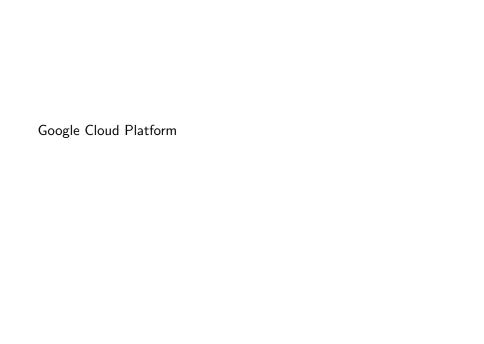
Logistics of project on Canvas

- Assign the members of your group to one of the empty groups in Project Groups

- You will then see the **Project Proposal** Assignment for your group.

- There is the wrong deadline on the Canvas Page it should be **April 15th** not **April 17th**.

- Please prioritize this deadline over the Assignment 2 deadline.

- It is more important you submit the project proposal in a timely fashion.

- Add your name to the "Need a partner 1" group if you are having problems finding a group.

- On Wednesday at 12:00 if your name is sill in "Need a partner 1" then I'll automatically assign you to a group from the names in the list.

Google Cloud Platform

- Everyone on the course is entitled to $50 credit on GCP.

- Please read the tutorial on Information about available GPU resources to find out how to get this credit and to set-up your deep learning experiments on GCP.

- If you encounter problems not covered in the tutorial please contact Sebastian or Yonk (the TAs in charge of the GCP for the course.)

- You do not have to use GCP if you have other GPU cards available for your use.

Topic of Project

- My suggestions in the "Project Ideas" document is a *very sparse sampling* of possible projects.

- Yes you can have "applied projects":
    - Apply a certain network to a certain type of data. It is especially interesting to us if there is a novel aspect to the data and problem being solved.

    - Want to run network on a mobile phone to do X.

    - ....

- Yes GAN, DCGAN, cycleGAN, based projects are fine.
  Just don't be overly ambitious w.r.t. the size of images you want to generate. Also base your implementations on the later papers as the tips and tricks have made training more stable.

- Yes please do investigate topics in NLP, sound and speech....

- Grading is not all about "*level-of-difficulty*" score. You can still get an A grade with a "*level-of-difficulty*" score 2 (and 1) combined with good execution (and some innovation).

- The "Execution score" is really the most important score! It will be impossible to get a high grade with a poor execution.

- Poor execution not necessarily = I got poor results.

- Poor execution corresponds to
  - You did not do sufficient debugging and/or testing to convince yourself or us that you have a bug free implementation.
  - Did not reduce the *scale* of the project when it became clear that problem much harder than first thought.
  - Very few ablation study experiments.
  - Unaware of standard practices and omitted them from your experiments.

Any Questions?