Deep learning team project

▶ Team project (2-3 students)

▶ Original deep learning work:

- existing tools applied to a novel problem;
- novel solutions.

▶ Project phases:

1. proposal registration;
2. wait the proposal acceptance;
3. work as a team on the project;
4. deliver the project at least one week before the project discussion;
5. final presentation.

Proposal registration

▶ Send by e-mail the following information

- Student names

- Project title

- Project proposal:

    o problem description;

    o datasets used;

    o possible solutions;

    o metrics used to evaluate the performance.

Project delivery

▶ Send by e-mail a *Jupyter* notebook (e.g., similar to a tutorial notebook used during the course):

- fully executable on *Colab;*

- not only code, but also descriptions, comments, graphs, images, etc.;

- the team contribution/improvement with respect to existing solutions must be highlighted;

- rigorous performance analysis (e.g., separated train, validation and test sets);

- error analysis.

Final presentation

▶ Project presentation and discussion

- all team members must be present;

- prepare some slides.