

TP 2: Computational Graph

Thursday 24th October, 2019

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Deadline: Thursday 7th November, 2019, 23:59

1 Objective and instructions

The goals of this TP is to understand and implement a graph computational.

We will not ask you to implement everything, but we ask you to have a look at the code and understand it. This is why we ask you to describe in your report the code, how the computational graph is build. You don't ask you to write an encyclopedia, describe briefly what seems to you less relevant and describe more in detail what you find more important.

All the instructions are in the notebook. Follow it!

You have to send a **formal** report and your code.

2 Reminders

- When we minimize the cost function using Gradient Descent (GD) the weights are updated after seeing all the training instances
- When we minimize the cost function using Stachastic Gradient Descent (SGD) the weights are updated after seeing a mini batch the training instances.

General instructions

You have to put your work in *cyberlearn* saved in a zip file using as name this format: TP_2_LASTNAME_Firstname.