
Modern NLP

**Based on Deep Learning and Language models.
Day 5 Morning**



5th Day

1. Morning (~ 4h)
 - } Very small remainder of Day 4
 - } Evaluation Test
 - } Test Analysis
 - } Evaluation Project
 - } Q&A

Test

Test

- The test :

<https://docs.google.com/forms/d/e/1FAIpQLSfRs89ct2zSRTK-GhFh8WQPHmJkXF14CIFCT2SizaAmXNgCHg/viewform>

Test Analysis

Project Evaluation

Conditions

Groups : 4 p => 6 groups * No changes accepted

Delivery : * All 3 expected

- 1 GitHub Account
- 1 Notebook -- **AND/OR** -- API or Front End (in production) -- **AND/OR** -- Fine Tuned model on HF
- 1 PPT Prez (At least 5 slides)
- Oral presentation 20 min (15 +5)

Due Date :

- Delivery : 2024-04-02 23:59:59 * You will not pass if late
- Oral : 2024-04-03 23:59:59 * Every member should be there and talk

Conditions

Topics :

- You are free to choose any topic you want !
- Should be related to NLP problem
- TF-IDF, transformers, GPT, Langchain...

Your code/notebook should 100 % be reproducible OR/AND reachable for me or anyone on earth !

Conditions

Will be will be particularly appreciated:

- Most complex solutions
- Work that shows a deep Q of work or deep understanding of the course
- Put something into production (back / front / Hugging Face)
- Using technologies not seen during the course
- Using the knowledge of your cloud computing course
- Both form and content of PPT prez
- Code quality, Comments in the code / the notebooks, good structuration of the notebook
- Usage of good practices with Github => multiple commits, push every day, 1 commit / file, good messages commits
- Every member of the group have made a commit

Conditions

If you have no ideas at all :

- Download a dataset from the internet, classification problem, notebook, github

You should add me to your GitHub repository !

The CentralSupElec-NLP-Public-Ressources will be still alive / Feel free to ask questions in the issue section !

Last but not least

I will be able to monitor the Q of work done every day => commit and push EVERY DAY

Do not try to fool me, I was cheating on my exams before you were born ;)

You will have a feed back for each project (Oral presentation OR youtube private video)

Most communication channel => GITHUB !