Modern NLP

Based on Deep Learning and Language models.
Day 1 Morning

Alexandre Gazagnes

1st Day

1. Morning (~ 2h)
    - ML – IA – NLP – A gentle introduction
    - Python, Anaconda, Juypter, Git, Github : All the tools you need
    - Python 101 – A very small remainder

2. Afternoon (~ 4h)
    - ML 101 – A very first implementation
    - Text Processing – From words to vectors
    - Basic and Advanced NLP techniques

First … Let’s Talk !

About You and Me

About Tech. Knowledge

1. AI
2. Machine Learning
3. Data Science
4. Deep learning
5. NLP
6. GPT
7. Robotics
8. Supervized
9. Reinforcement Learning
10. Skynet
11. Alphago
12. Deep Blue

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Any Business ideas, techs projects to bring in ?

1. .
2. .
3. .
4. .

10 richest vs 10 biggest companies

https://en.wikipedia.org/wiki/The_World%27s_Billionaires

https://en.wikipedia.org/wiki/List_of_public_corporations_by_market_capitalization

Who is this guy ?

1. My great great great grandfather
2. Just a random guy
3. Alan Turing
4. Nobody, He was created by some random AI tool

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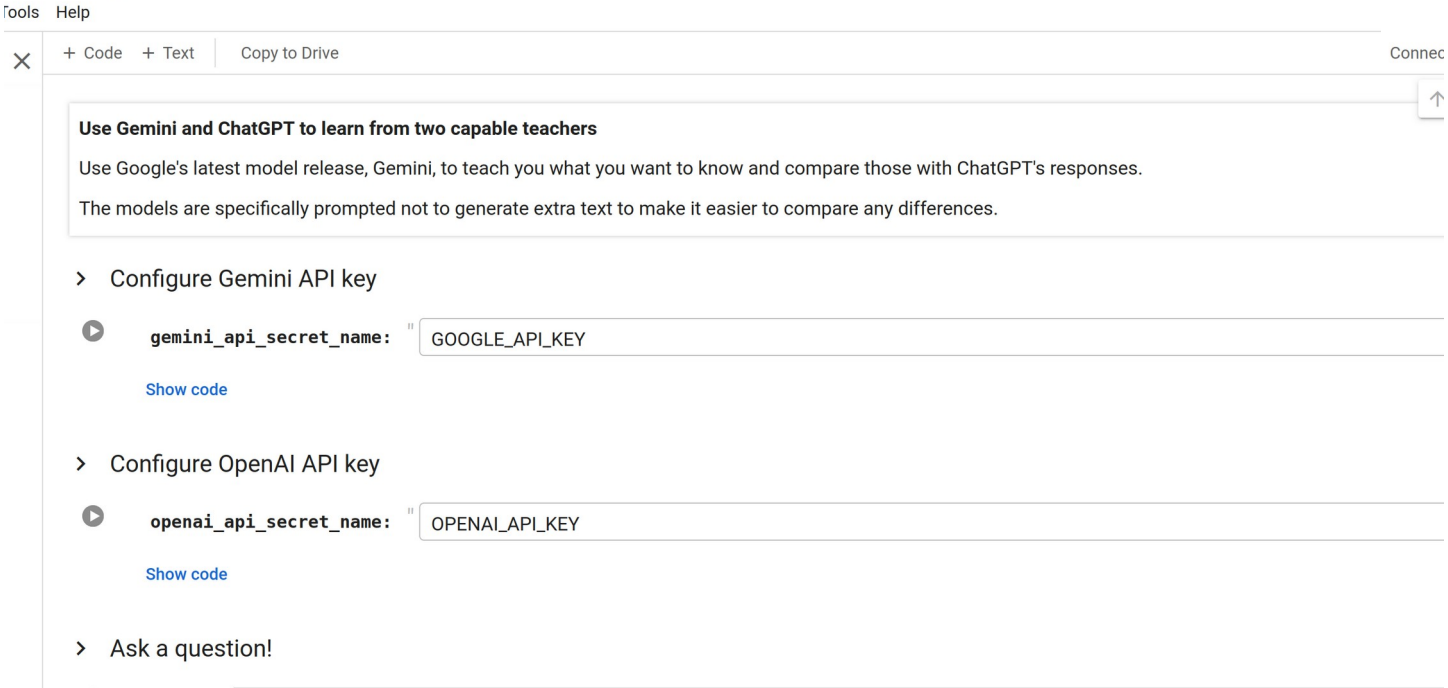
Tools

Google Colab



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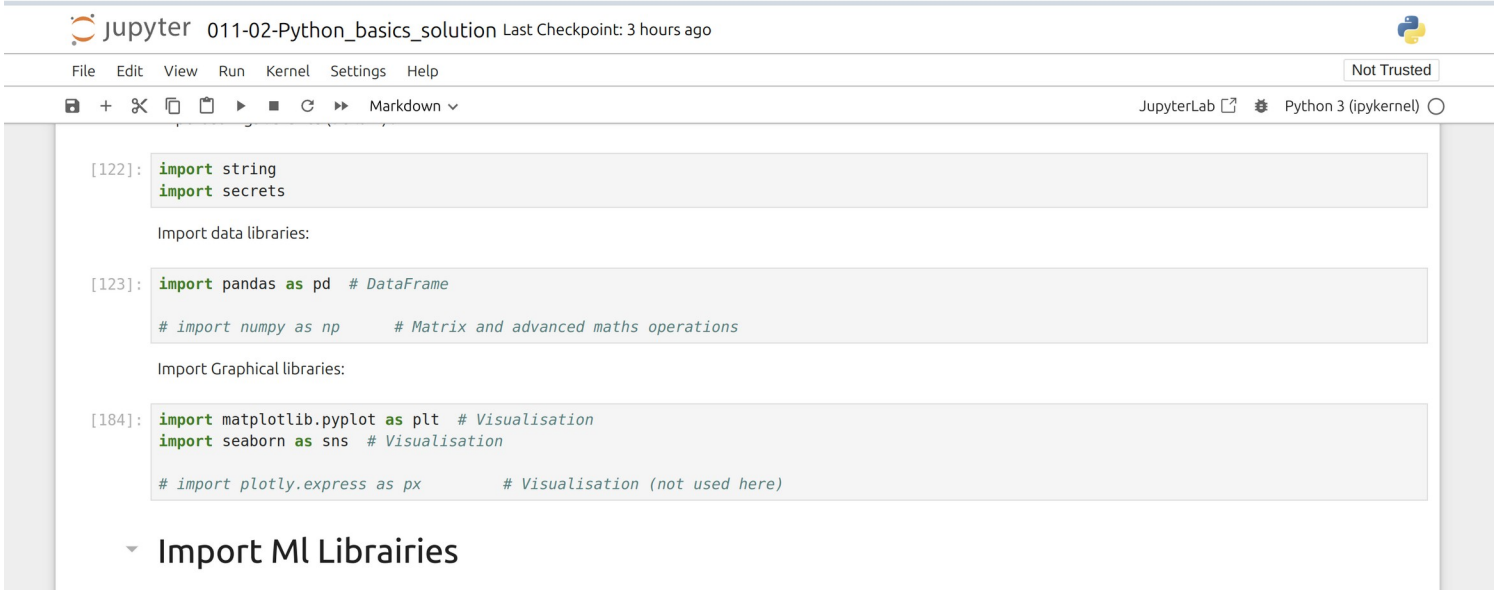
Anaconda & JupyterLab



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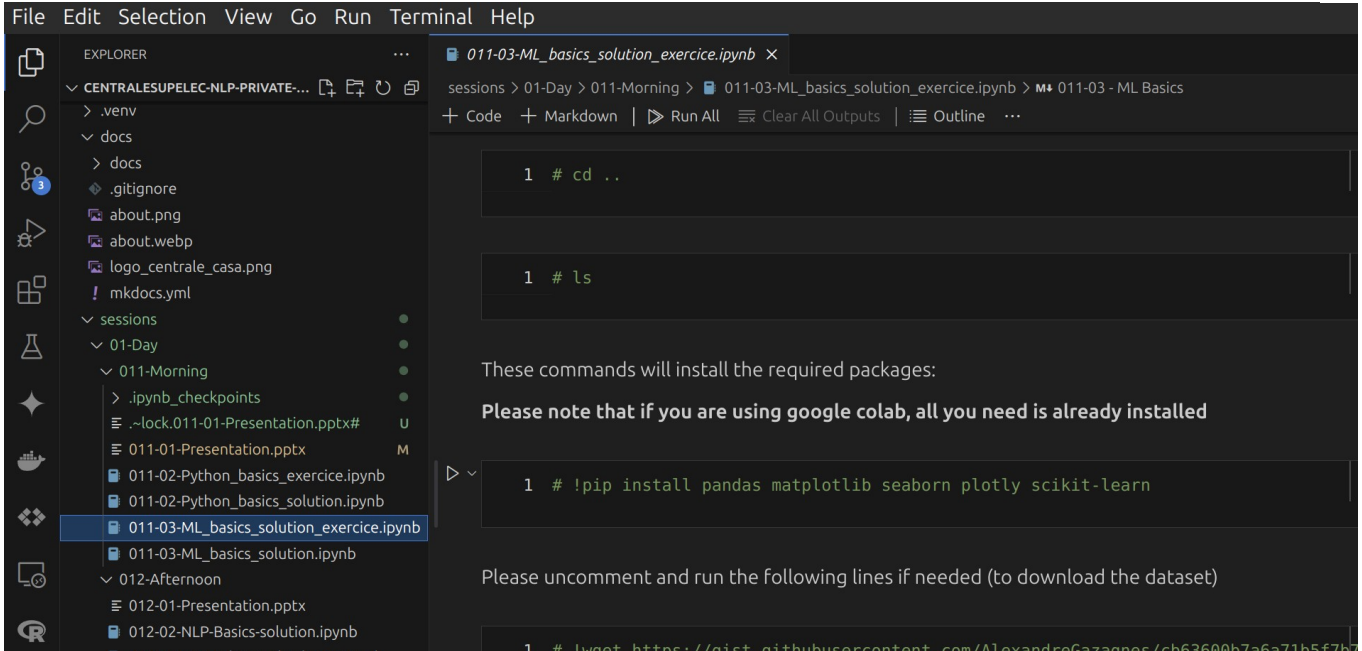
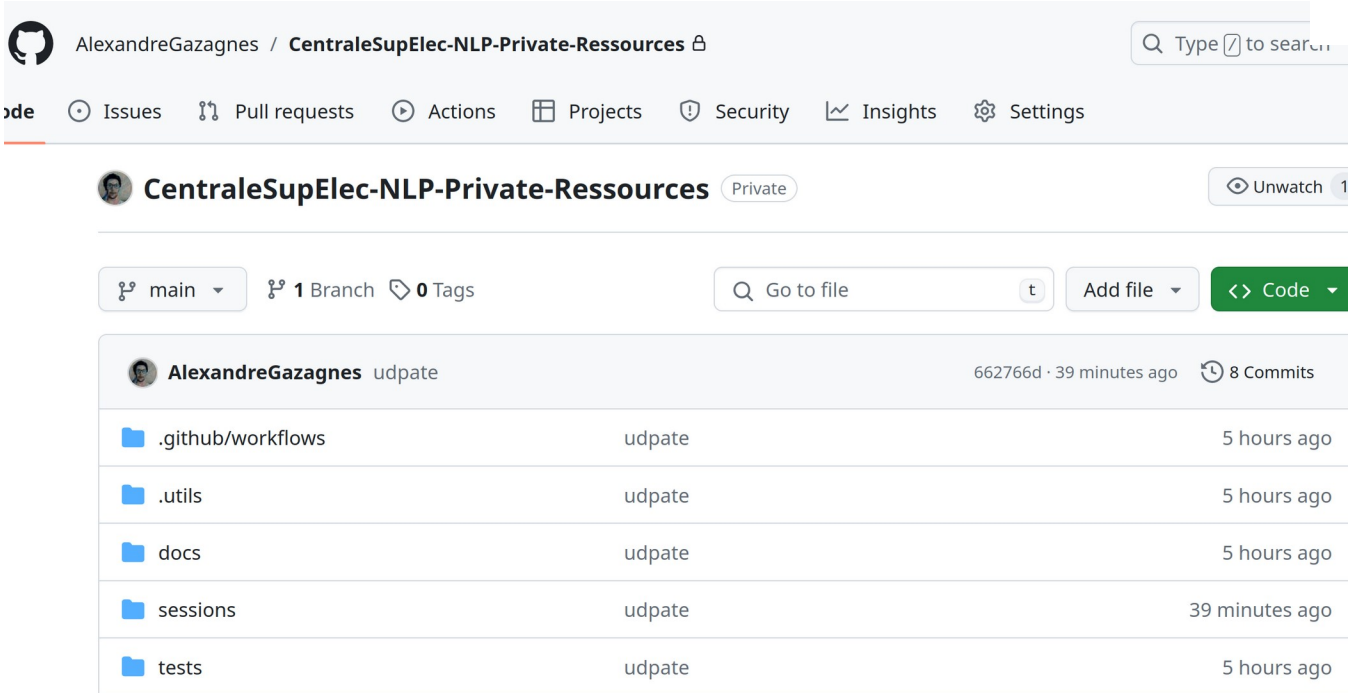
VS Code & PyCharm (most advanced users)



Git & GitHub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Type / to search
Issues
Pull requests
Actions
Projects
Security
Insights
Settings
CentraleSupElec-NLP-Private-Ressources
Private
Unwatch
main
1 Branch
0 Tags
Go to file
t
Add file
Code
AlexandreGazagnes udpate
662766d · 39 minutes ago
8 Commits
.github/workflows udpate 5 hours ago
.utils udpate 5 hours ago
docs udpate 5 hours ago
sessions udpate 39 minutes ago
tests udpate 5 hours ago

Python – 101

Practice !

ML - 101

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Practice !