Python data science

Nicolas Rousset

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Presentation of the trainer

Nicolas Rousset

- freelance / trainer in web / data-science
- engineer from ecole polytechnique
- 16 of experience in various structures :
    - R&D team of big energy group
    - small american start-up
    - teacher in engineer school

nrousset@gmail.com

nicolas.rousset@polytechnique.org

Presentation of the training

- python for data analysis
- 3 days
- no development experience required

Schedule

- 9AM - 5PM
- Lunch break 12:30 - 13:30
- Fifteen minutes break in the middle of each morning / afternoon

- ask question, interactivity is the best !
- try to adapt best to your interest
- not resource centered, there is so much on the internet

- top => down approach, we start from what we want to do
- lot of practice
- study-oriented
- NB : but python shine when going to production

Presentation of the training platform

- Teams
- Jupyter notebook
- Google colab
  - no local installation required
  - google drive can be useful
- Github
  - to host training supports

- pandas
- matplotlib

And understanding python

Plus (but less focused)
- scikit-learn - numpy - altair