Cross-cutting program on AI for the Sciences



DATA@PSL program

Overview

- A unique opportunity to add skills in machine learning and data science.
- In a close interaction with your major track, from the master to PhD.
- Enjoy the diversity of PSL.
- Open new perspectives in your scientific fields of interest.
- Acquire new methods, new tools to address new challenges.

How to

Kick-off:

- What can be taken from your present and past curriculum in the ECTS?
- Follow the preparatory weeks of DATA@PSL to upgrade your skills in data science.

Then:

- Follow intensive weeks of Data@PSL to learn how AI can contribute to other sciences.
- Do an internship involving data science (a single but extended report).
- Join up a Hackathon and follow a "Ethics of AI" course.

The specific courses

The Data@PSL program organizes specific courses to build your minor:

Preparatory weeks allow you to acquire the necessary background in math and data science. Mandatory to follow the rest of the minor (end of August/early September).

Intensive weeks gather students with different profiles to tackle a scientific challenge (PSL weeks calendar). For example in genomics, finance, physics, and more.

Hackathon: within a team, you will practice on real datasets for 10 weeks, with a weekly supervision.

Validation of 30 ECTS

- 2 preparatory weeks (6 ECTS)
- An intensive week (3 ECTS)
- AI and Ethics course (3 ECTS)
- Hackathon, Internship (9 to 12 ECTS)
- Additional courses of your curriculum, approved by the DATA@PSL program

Contact

- Contact the direction of your master
- The official web site:

https://bit.ly/39tfHNT

• Breaking news and contact:

data-psl.github.io