Data and Digital Society: Ethical, Legal, Social, and Economic Challenges

(Nicolas Jullien et Inna Lyubareva)

This course provides essential knowledge for data scientists to navigate the complex landscape of information economics, law, and ethics. It equips students with the tools to engage in meaningful discussions with businesses and users of data, while being mindful of the economic, legal, and ethical implications of data processing. The course aims to foster innovative thinking within the framework of strategic positioning and data valorization.

Key concepts covered:

- Fundamentals of information economics
- Legal frameworks governing data usage and privacy
- Ethical considerations in data processing and analysis
- Economic stakes of data processing and valorization
- Strategic positioning in the data-driven economy

By the end of this course, students will be able to:

- [BC02] Engage effectively with stakeholders on issues related to data usage and its societal impact
- [BC03] Analyze and discuss the ethical, legal, and economic implications of data-driven projects
- [BC04] Propose innovative solutions for data valorization within ethical and legal boundaries

Prerequisites : None