

## Data Governance

ECTS : 3

### Description du contenu de l'enseignement :

- Principles and methodology of data governance.
- Organizational and process management – data life cycle management.
- Technical aspects: master data management (MDM).
- Data Quality Management.
- Compliance and regulations indifferent economic zones (EU, USA).
- Health data and other specific data regulation.

- This course focuses on an organizational and technical approach of data management. Extracting value from data requires effective data management process. Value heavily relies on data quality. Research shows that data quality depends on both a technical approach and an organizational approach. Thus, designing the data governance is a key strategic issue for organizations in the Big Data era.

### Compétence à acquérir :

- Designing an effective data governance.
- Organizing data management process.
- Managing Data quality in an organization.
- Building Master Data Management (MDM).
- Understand et comply with different data legal frameworks.