

EU Data Act - Course Syllabus

Course Syllabus: EU Data Act and its Impact on Data Management

Course Code: ADA/EUData

Semester: Winter / Summer

Supervisor: Assoc. Prof. JUDr. Jan Novák, Ph.D.

Scope: 2/1 (lectures/seminars), 5 credits

Language of Instruction: Czech / English

Prerequisites: Basics of ICT Law or Introduction to Data Analysis

Course Description:

This course focuses on explaining and analyzing the EU Data Act (Regulation (EU) 2023/2854) and its impact on the European data ecosystem, corporate strategies, data analytics, and public administration. Students will learn to navigate the main provisions of the Act, understand its context within other regulations (GDPR, Data Governance Act, etc.), and gain practical skills in implementing Data Act requirements within organizations.

Course Objectives:

- Understand key provisions of the EU Data Act.
- Analyze the impact of the regulation on businesses, consumers, and public administration.
- Distinguish between different types of data and access regimes.
- Learn to design processes and policies for Data Act compliance.
- Discuss implementation examples and real-life case studies.

Course Topics:

1. Introduction to European Data Policy

- EU motivation, digital strategy
- Overview of legislative framework (GDPR, DGA, Data Act)

2. EU Data Act - Basic Overview

- Structure and main goals
- Definitions of key concepts (data, data provider, data recipient...)

3. Obligations of Manufacturers and Data Providers

- Obligations related to data sharing from products and services

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- Technical and contractual aspects of data sharing
- 4. Rights of Users and Third Parties
 - Rights to access data
 - Limitations and protection of trade secrets, personal data protection
- 5. Data Act vs. GDPR and Other Legal Frameworks
 - Interactions between Data Act and GDPR
 - Conflicts and synergies
- 6. Interoperability and Technical Standards
 - Requirements for interoperability
 - Standardization and technical challenges
- 7. Data Act and Cloud Services
 - Obligations for cloud service providers
 - Data portability and prevention of vendor lock-in
- 8. Obligations in Public Administration
 - Access of public institutions to private data
 - Crisis situations (e.g., pandemics)
- 9. Implementing the Data Act in Practice
 - Compliance procedures
 - Setting up internal processes, auditing data flows
- 10. Case Studies
 - Analysis of real-world scenarios and solutions
 - Discussion of current problems and challenges
- 11. Critical Aspects and Discussion
 - Ethical issues of data sharing
 - Future developments and open questions
- 12. Final Review and Exam Preparation

Teaching Methods:

- Lectures with discussion
- Practical exercises (contract analysis, process design)
- Group projects (Data Act implementation case study)
- Guest lectures by professionals (lawyers, data managers, public officials)

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Evaluation:

- Ongoing tests (30%)
- Group project / case study (30%)
- Final written exam (40%)

Recommended Literature:

- Regulation (EU) 2023/2854 on data (Data Act)
- European Commission recommendations, working documents
- EDPB Guidelines, GDPR and DGA commentaries
- Recent articles from legal and data practice (e.g., Computer Law Review International, DataGuidance)