

Data stewardship bootcamp

from 2-02-2026 to 6-02-2026

explore the program



DAY 1 - Introduction to Data Stewardship

Current Data Ecosystems and Emerging Asymmetries by Stefaan Verhulst 09:00–11:30

Introduces evolving data landscapes, emphasizing new data sources, open data, and growing asymmetries—laying the foundation for data stewardship using the Data Stewards Canvas.

Data Governance in the Smart City by Rodolphe Doite 11:30–12:30

Discusses how smart cities manage data responsibilities, aligning local governance with global data stewardship principles.

LUNCHBREAK

Current Data Ecosystems and Emerging Asymmetries by Stefaan Verhulst 13:30 - 14:00

Morning session continued

Panel: impact of the Data Act on digital innovation ecosystems **moderated by Rodolphe Doite** 14:00–14:50

The panel will give an overview of different levels of implementation of data governance, in compliance with EU rules, local contexts and data requirements.

Panelists:

- Andrea Halmos, former deputy head of Unit - DG DIGIT, now at DG ENVI
- Stefaan Verhulst, the Data Tank
- Bart Rosseau, Data governance at Digital Flanders
- Valentina DallaGiovanna, FARI

BREAK

Field visit: Datawalk 15:00–16:00

Observes how urban data is collected and offers a sensory understanding of data availability in public space.

DAY 2 - Formulating the demand for data

Understanding the Demand-First Approach to Data Re-use by Stefaan Verhulst

09:00–11:30

Focuses on articulating meaningful data questions through fictional use cases. Digs deeper into the demand and mapping out stakeholders accompanied with topic mapping exercises.

Data Sharing Standards: MIMs by OASC

11:30–12:00

Introduces foundational interoperability mechanisms that structure how institutions can ask for and share data effectively.

The SmartCampus project by Axel Hoffmann

12:00 – 12:30

The SmartCampus project at the Université libre de Bruxelles (ULB) is a large-scale Internet of Things (IoT) infrastructure deployed across its campuses to collect, analyze, and visualize data from connected devices, aiming to enhance campus management and foster collaboration among the university community, local authorities, and businesses.

LUNCHBREAK

Understanding the Demand-First Approach to Data Re-use by Stefaan Verhulst

13:30 - 14:00

The 100 Questions Initiative Workshop and summary of day's learnings

Field visit: Digital twins in the CAVE by Martin Canter and Susheel Nath

14:00 – 15:00

Highlights an EU-funded innovation hub translating governance and infrastructure principles into real-world civic AI applications.

BREAK

Social dinner

19:00

DAY 3 - Understanding and describing data supply

Mapping Data Supply, Expertise & Partners by Stefaan Verhulst

09:00-11:00

Introduces evolving data landscapes, emphasizing new data sources, open data, and growing asymmetries—laying the foundation for data stewardship using the Data Stewards Canvas.

Retrieval Models by Nassima Nouffail

11:00 - 12:00

Introduces machine learning techniques for information retrieval, showing how infrastructure supports decision-making at scale.

Mapping Data Supply, Expertise & Partners by Stefaan Verhulst

12:00 - 12:30

Morning session continued

LUNCHBREAK

A Traffic Twin: the Tulipe project by Natalia Garcia Colin and Eladio

Montero Porras

14:00-14:50

A pioneering initiative that uses AI and simulation to model traffic dynamics in the Tulipe neighborhood of Ixelles, Brussels. Developed by FARI and the Machine Learning Group at ULB, the project creates a digital twin of the area to optimize traffic flow, reduce congestion, and support sustainable urban planning using real and synthetic data.

BREAK

Field visit: Urban mobility data: Good Move observatory of Bruxelles

Mobilité

15:00-16:00

Observes how urban data is collected and offers a sensory understanding of data availability in public space.

DAY 4 - Matching demand with supply and EU data landscape

Data Collaboratives and Governance Models by Stefaan Verhulst

09:00-11:30

Unpacks models for matching demand and supply, covering risks, governance (4P's), and EU regulations shaping data collaboration.

Citizen-led data initiatives by Carina Veeckman

11:30-12:30

Explores how citizen-led data initiatives are reshaping urban governance.

LUNCHBREAK

Mapping Data Supply, Expertise & Partners by Stefaan Verhulst

13:30 - 14:30

Morning session continued

Field visit

14:30 - 16:00

Participants will visit a Belgian organisation working with data at scale, gaining a general sense of how such environments navigate evolving needs, tools, and responsibilities in the EU data context.

BREAK

Closing drinks

16:00

DAY 5 - Technical infrastructure from data to decision intelligence and impact assessment

From Data to Decision Intelligence by Stefaan Verhulst

09:00-11:30

Session on impact assessment and technical infrastructure (how to enable the technical infrastructure for data collaborations (reuse)).

Collaborative decision making with digital twins by Léa Rogliano

11:30 - 12:00

Explores how digital twins create shared system understanding, showing how simulation and real-time insights support collective reasoning and clearer alignment—setting the stage for stronger collaborative decision-making practices.

From Data to Decision Intelligence by Stefaan Verhulst

12:00 - 12:30

Morning session continued

LUNCHBREAK

Artistic intervention

13:30 - 14:30

Introduces the fusion of art and decision intelligence, emphasizing how creative interpretation and aesthetic design can challenge assumptions and reveal hidden patterns—expanding the expressive potential of data visualisation.

Closing session

14:30-15:00



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