

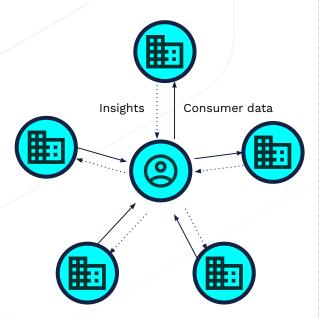
Lebeau Frederic

Co-founder Datavillage

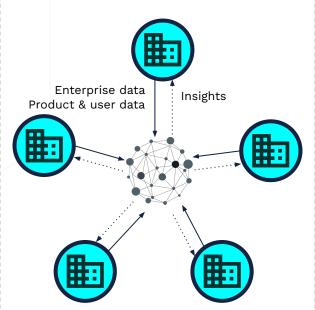
Background in IT Innovation, IT management, architecture, open banking & cyber security

Data spaces Different models

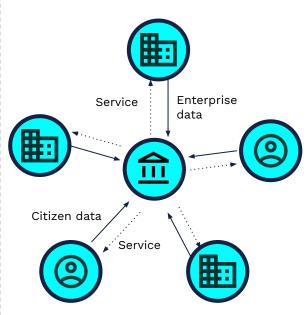
Consumer functionalities



Business functionalities



Public functionalities



Data sharing Key technical challenges

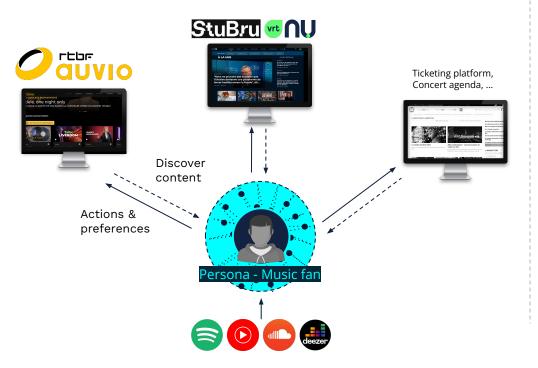
- How to enable data interoperability and align data access policies?
- How to manage the data lifecycle between multiple actors and bring transparency?
- How to protect product data and algorithm integrity?
- How to keep user privacy?
- How to ensure data provenance and traceability?



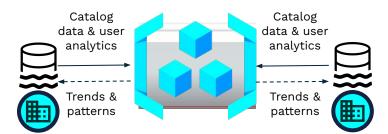
Foster trust and maximize the value of data sharing

Examples

Consume online content on multiple platforms with your own reputation, identity and history

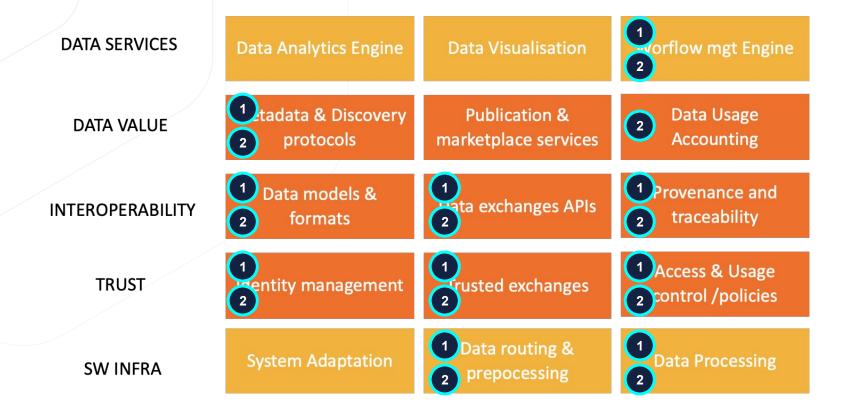


Media companies to better understand consumers needs in catalog offerings



Technical building blocks

Highlighting the capabilities required to support examples

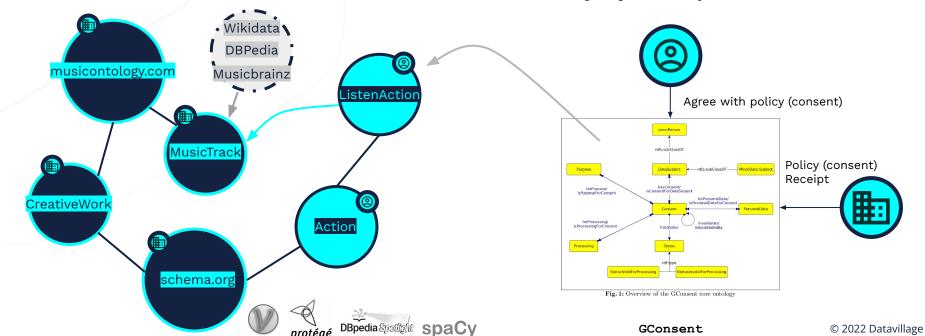


Challenges, building blocks and solutions Interoperability & data access policies



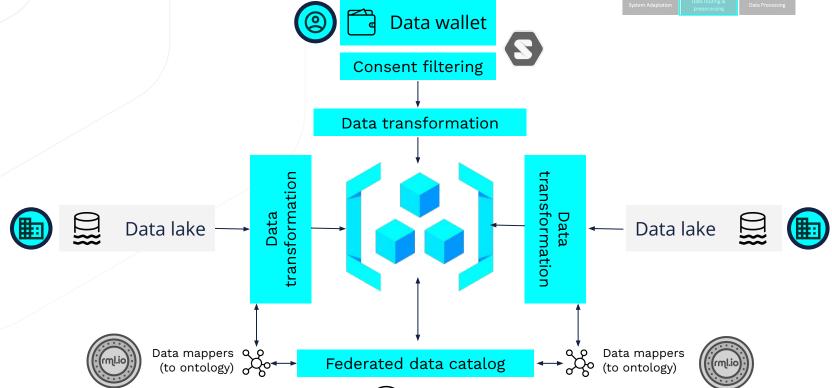
Combine market ontologies for data interoperability. Enrich with open data.

Leverage agreed-upon ontologies and linked data to translate data access policies with the right granularity (example for user data)



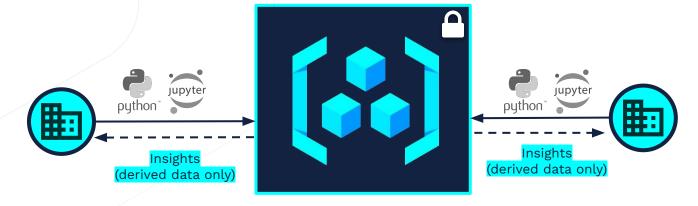
Challenges, building blocks and solutions Data lifecycle & transparency





Challenges, building blocks and solutions Data processing & trust



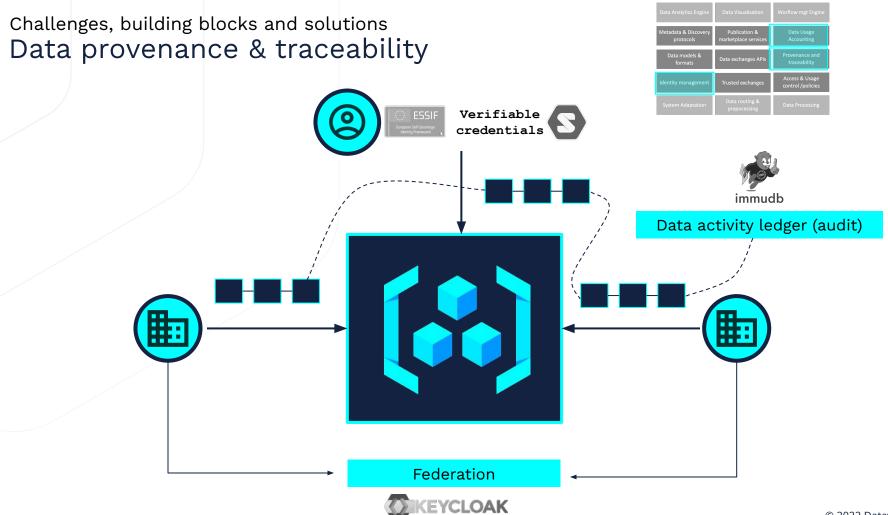


Trusted Execution Environment



Sandboxed environment





Take aways

- ✓ Data sharing can be straightforward and safe
- ✓ Keep in mind the goal not the mean
- Learning and opportunities come with practice
- Better together than alone

Thank you

Frederic Lebeau frederic@datavillage.me



www.datavillage.me





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