

Navigating the Data Mesh Journey: Lessons from Scania's Implementation

The data mesh architecture represents a paradigm shift in how organizations manage and utilize their data assets. Scania's experience offers valuable insights into the challenges and opportunities of implementing a data mesh strategy.

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Driving Business Value

Addressing Modern Data Challenges

Scania needed to democratize data access across multiple cloud platforms while maintaining governance and domain ownership. With data scattered across AWS, Azure, and SAP, they required a unified solution.

Dremio emerged as the cornerstone of their data mesh strategy, providing a unified access layer that could bridge their multi-cloud environment while reducing data movement costs and complexity.

Driving Business Value

Dremio as the Foundation

Dremio's unified access layer became the critical enabler for Scania's data mesh implementation. Key advantages included:

- 40-minute onboarding time for new domains
- Significant cost savings compared to traditional data sharing
- Native support for open formats (Iceberg, Delta) The platform's federation capabilities allowed domains to maintain autonomy while ensuring consistent access patterns and governance across the enterprise.

Enabling the Data Lakehouse

Building a Flexible, Future-Proof Architecture

By leveraging Dremio's capabilities, Scania achieved rapid time-to-value for their domains:

- Unified access across all cloud platforms
- Built-in lineage and audit capabilities
- Integrated security and governance

Dremio's architecture enabled them to separate storage from compute, dramatically reducing costs as consumer base grew. Their cloud lake sources in AWS became automatically available through Dremio, accelerating adoption.

Next Steps

Interested in accelerating your data?

Organizations can accelerate their data mesh journey by following Scania's proven approach with Dremio.

Begin with a centrally funded model focused on high-impact domains. Start measuring platform usage and value creation through simplified access patterns and cost reductions.

As adoption grows, transition to a showback model to demonstrate tangible benefits before implementing chargeback mechanisms.

**SCANIA**

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