

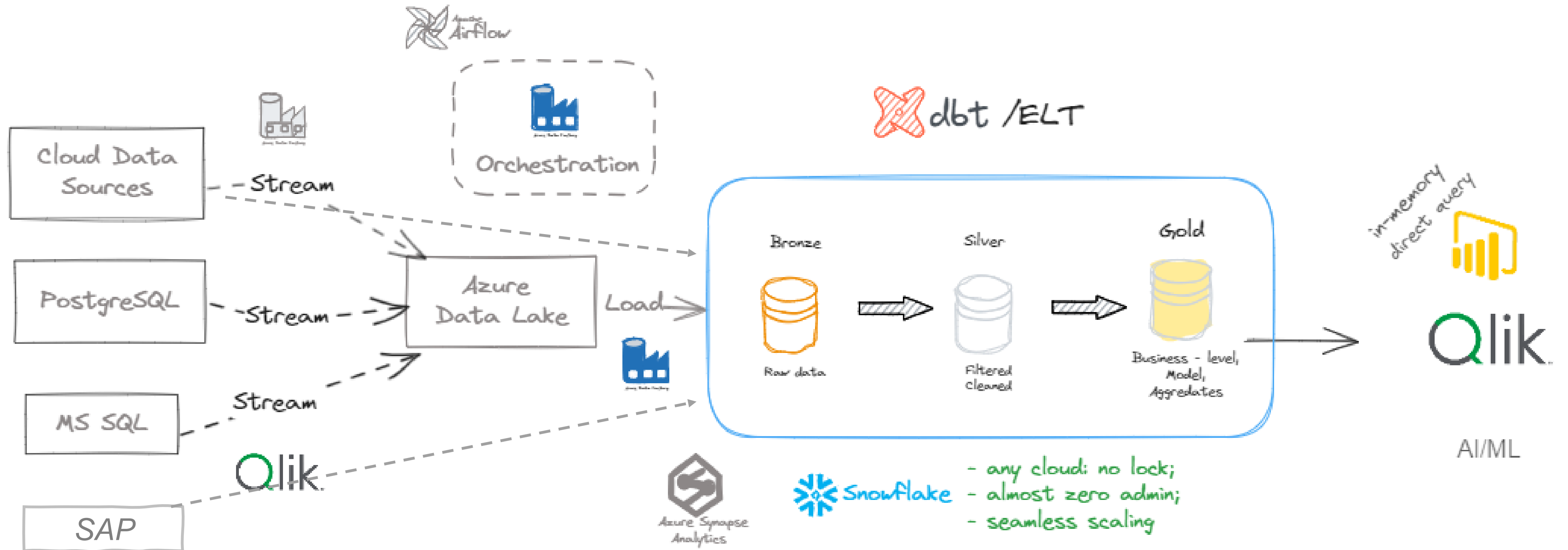
iNFOTRUST



**Qlik Talend Cloud: an introduction**

# Sample architecture

## Streaming data







# Minimal impact on source and target systems

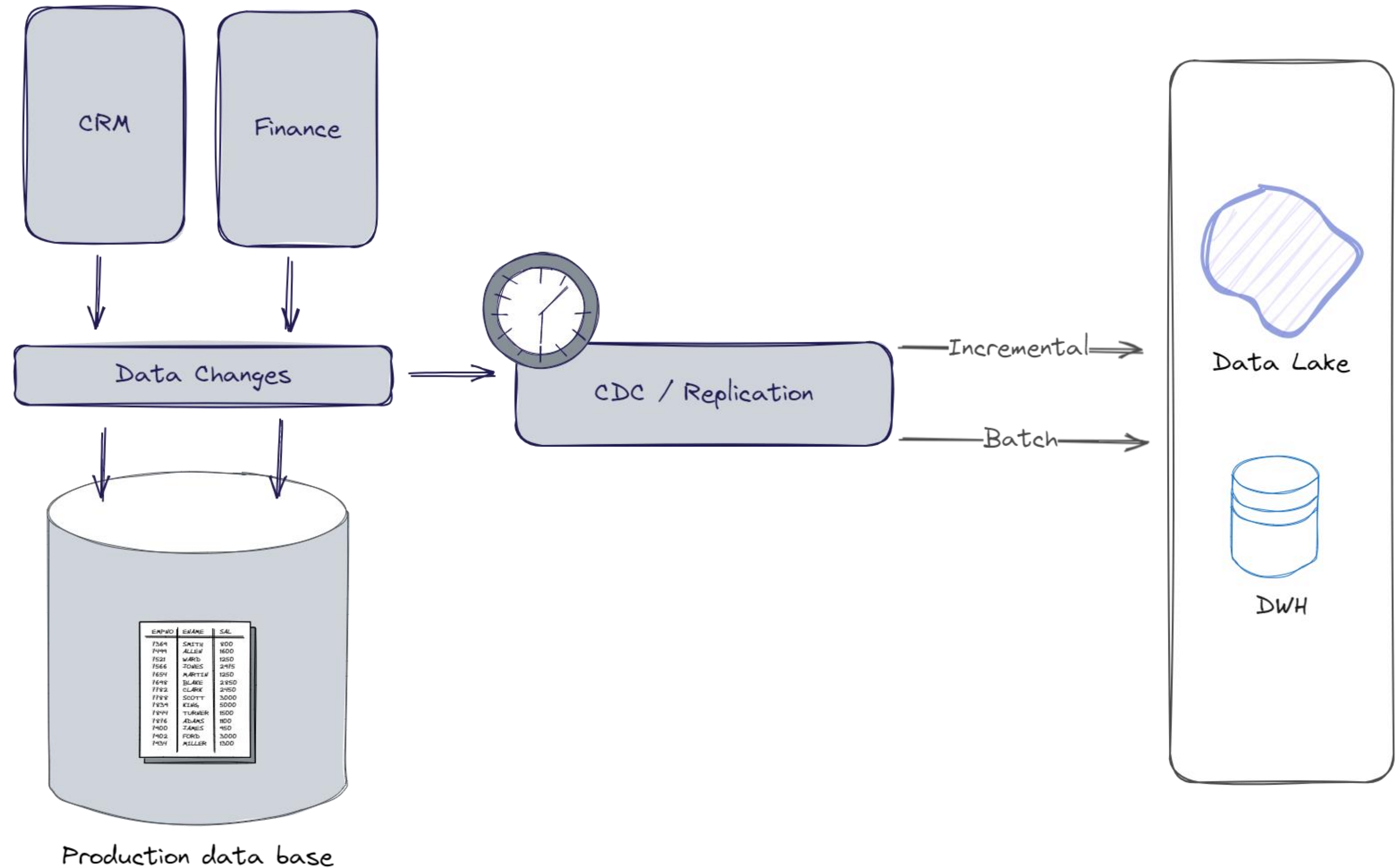
  
Minimal system impact

CDC identifies and captures the data and metadata changes:

- Inserts
- Updates
- Deletes
- DDL

Two CDC architectures:

- Agent-based, resides on the source server 
- Agentless. Zero footprint on source or target. More modern 



# Qlik Talend

A trusted data foundation for AI, analytics, and operations

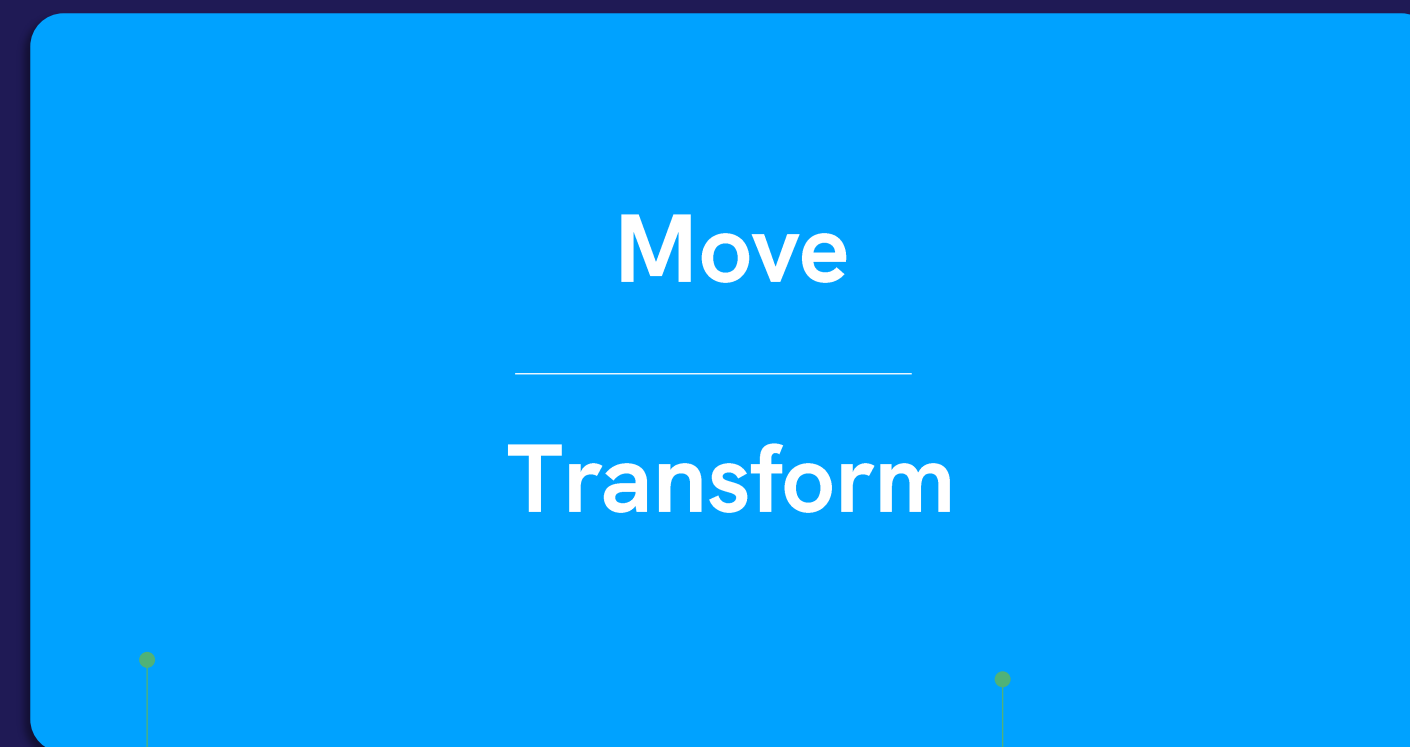
400+  
Connectors

DATA

SaaS, SAP,  
Mainframe



Trust Score™ for AI



Multi-pattern

Streaming,  
ELT, ETL,  
APIs

Transformation

No code/  
pro code      AI  
Assistant

Data Products



AI

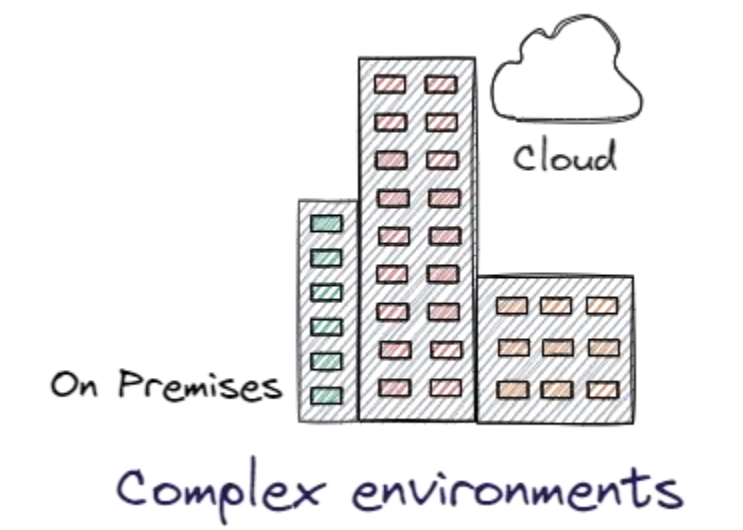
- Vector DB
- Multi LLM
- AWS Bedrock
- Snowflake Cortex
- Databricks AI Functions

# 4 Qlik Talend Cloud Editions

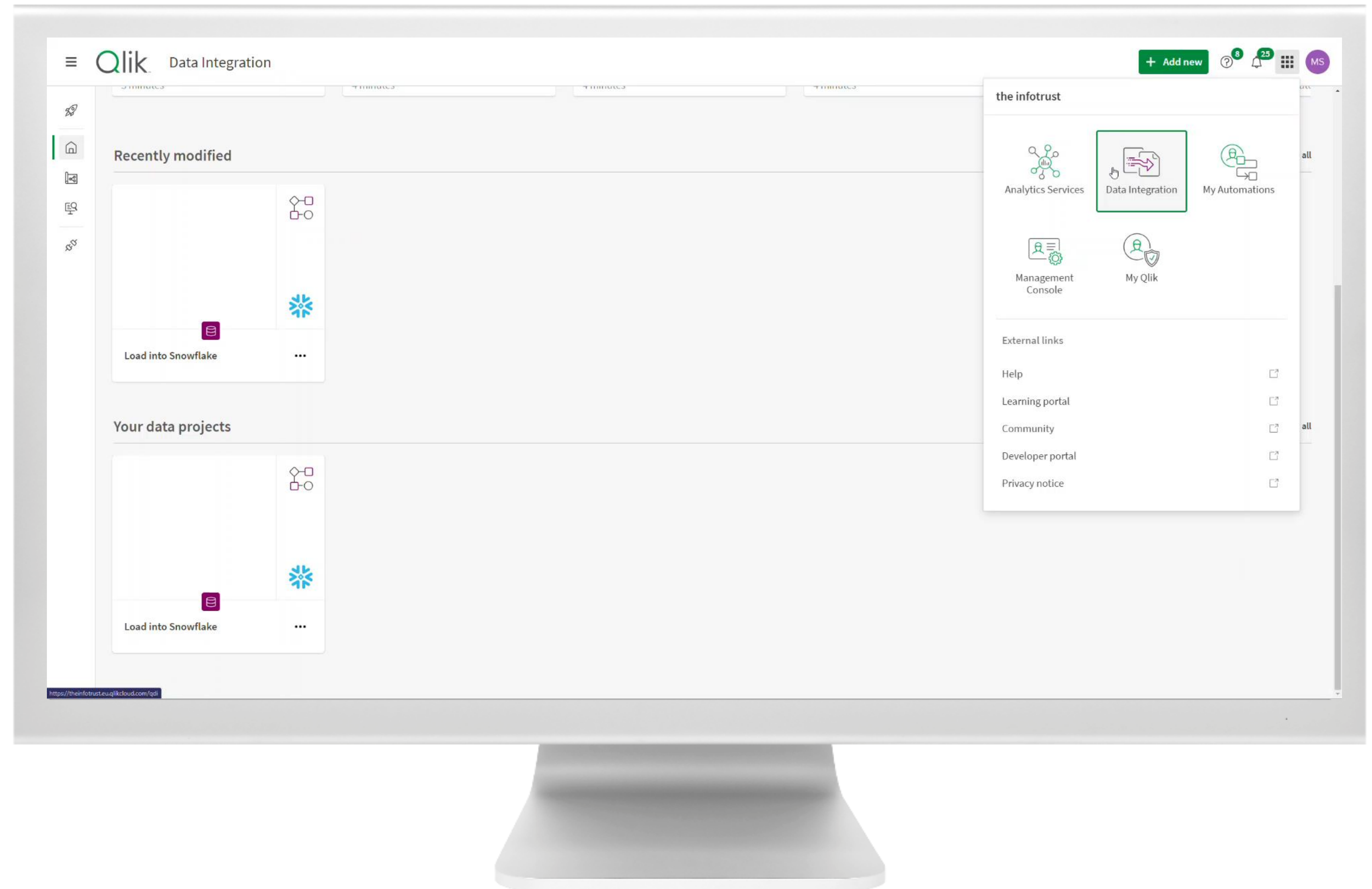
Product Edition	Starter	Standard	Premium	Enterprise
Defining Features	SaaS Data Movement	+Databases Real-time CDC	+Data transformation, Quality, API integration	+SAP, Mainframe, Data Products
Use Cases Addressed	SaaS data loading to db/dw ('EL')			
	Real-time replication to db/dw ('ELT')			SAP/Mainframe replication
	Data warehouse/lake modernization			
	Data quality & governance			
	Streaming data integration			
	API-based data integration & workflow			
	Operational data integration ('ETL')			
				Data products
			Gen AI data pipelines	
Pricing	Data moved, 50 GB	Data moved, 250 GB	Data moved 750 GB+ Executions & durations	Data moved 750 GB + Executions & durations

# Any source, many targets

Supports complex, heterogenous environments



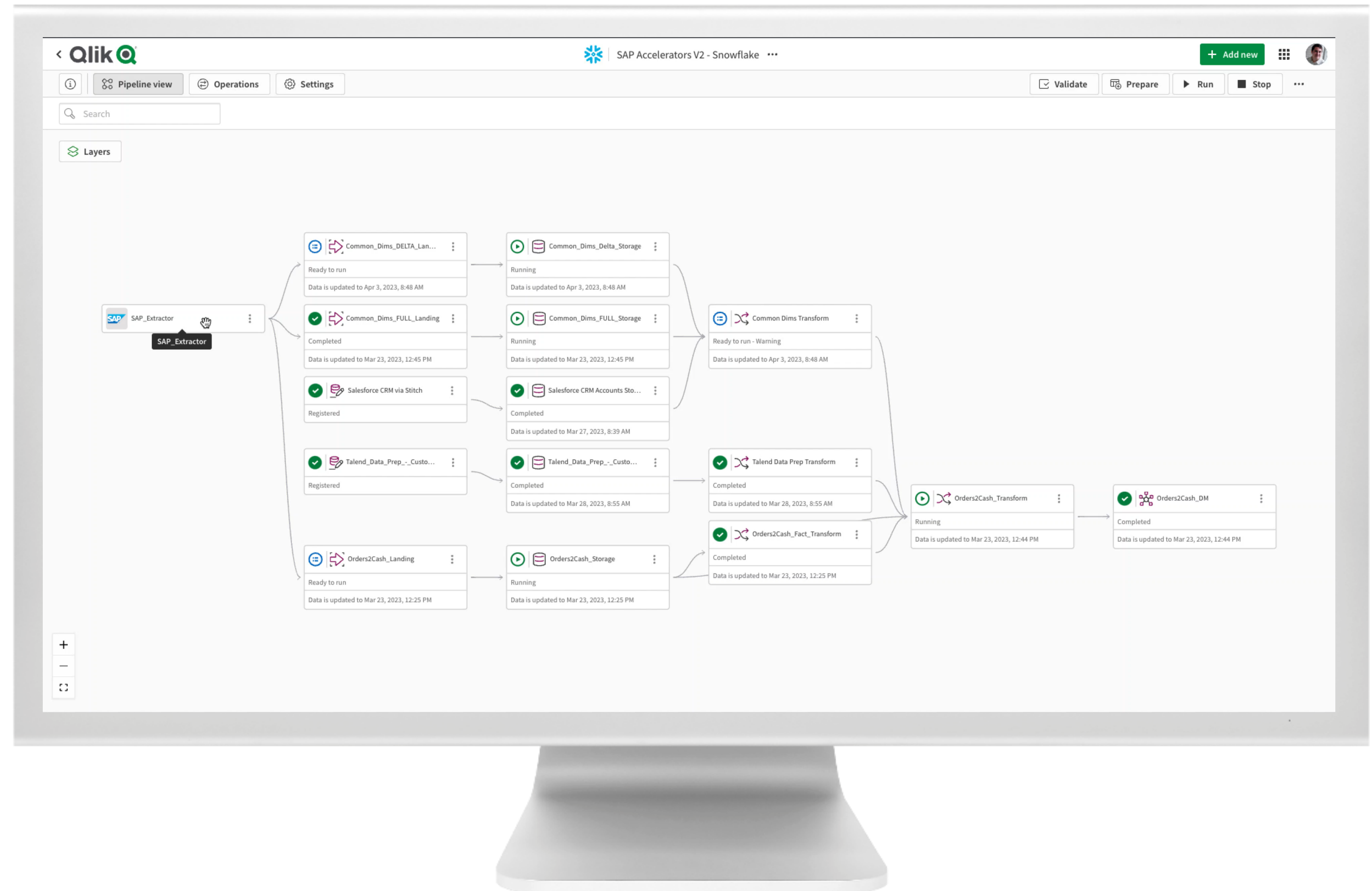
- Sources
  - Databases
  - NoSQL
  - Flat files
  - Cloud (200+)
- Targets
  - Data lakes
  - Data warehouses



# Automate

## Low-code / no-code development

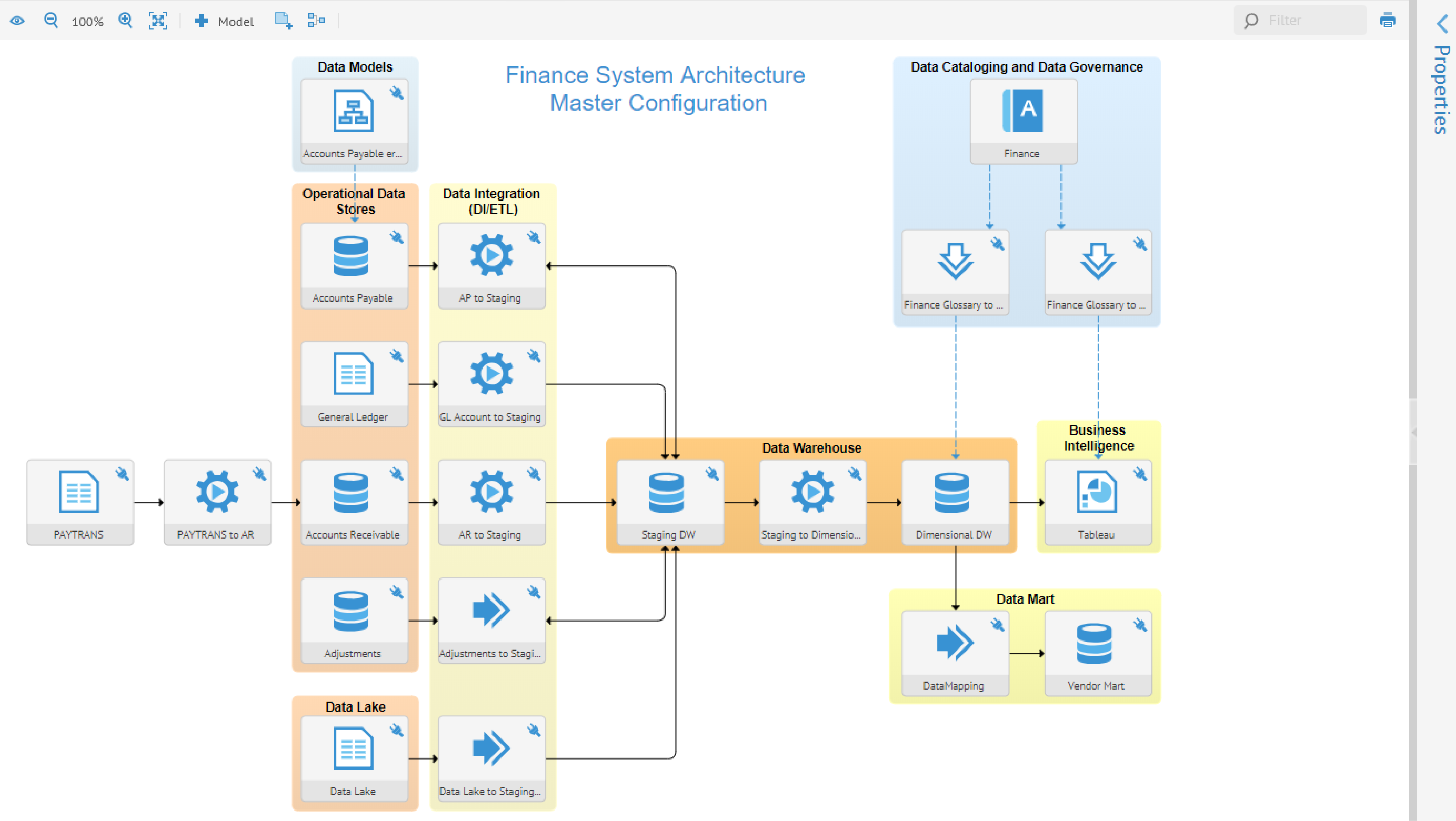
- Low/no code data pipeline designer
- Real time CDC, incremental and batch delivery modes
- Data gateway for secure data transfer
- Scheduled data merging for resource/cost control
- Automated History mode with type 2 tracking
- Data transformations
- Automated Data Lineage and Impact Analysis







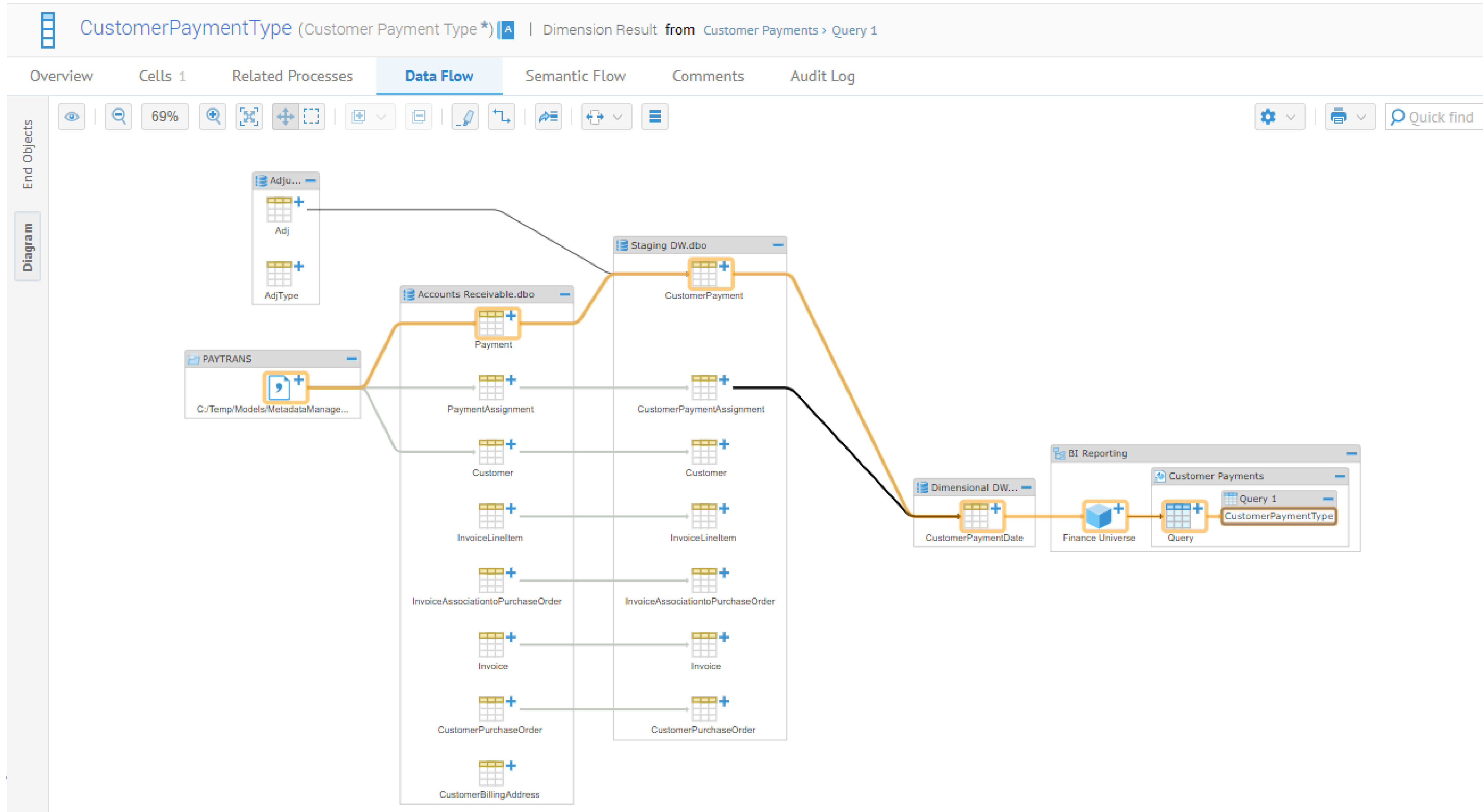
# Data governance: sources, transformations, and targets



# Data governance: glossary

The screenshot shows the Data Catalog interface. At the top, there is a navigation bar with 'DATA CATALOG' and a search bar. Below the navigation bar, there are several menu items: 'OBJECTS', 'COLLECTIONS', 'WORKSHEETS', 'DASHBOARDS', and 'MANAGE'. A 'Home' link is also present. The main content area displays a welcome message and a grid of navigation buttons for various features like 'Enterprise Architecture', 'Metadata Browsing', 'Metadata Collections', 'Metadata Worksheets', 'Enterprise Glossaries', 'Enterprise Vocabulary', 'Data Catalog of Files', 'Repository Management', 'Repository statistics', and 'Supported Tools'. The current view is a glossary entry for 'GDPR' from the 'ACME Glossary'. The entry has tabs for 'Overview', 'Contains 10', 'Related Reports 0', 'Semantic Flow', 'Comments 0', 'Attachments 0', 'Responsibilities', and 'History 5'. A 'Filters' sidebar is visible on the left. A modal window is open over the main content, allowing users to configure the display of the data. The modal includes options for 'DISPLAY MODE' (Grid, List), 'SORT BY' (Natural Order, Updated Date, Relevance), and 'SORT DIRECTION' (Ascending, Descending). It also features a 'COLUMNS' section with 'Available columns' and 'Selected columns'. The 'Available columns' list includes 'COMMON ATTRIBUTES 41' and various attributes like 'Certified', 'Certified By', 'Collections', 'Comment Count', 'Commented By', 'Conditional Labels', 'Content Description', 'Content Name', 'Created By', and 'Created Date'. The 'Selected columns' list currently contains 'User Tags', 'Name', 'Context', and 'Description'. The background shows a table with columns 'User Tags' and 'Name', listing terms like 'Address', 'Email Address', 'Gender', 'General Data Protection...', 'Last Name', 'Personally Identifiable in...', 'US Address', 'US Social Security numbe...', 'US State Abbreviation', and 'US Zip'.

# Data governance: lineage and impact analysis



For more information – please contact



[m.svilans@theinfotrust.com](mailto:m.svilans@theinfotrust.com)

