

Turn Data Chaos into Data Value with SAP Datasphere

SAP
March 08, 2023

Public



Data needs context for better business decision-making

Innovation has happened in silos

Data, especially metadata, has been removed from its context

There's been a fundamental error—focusing solely on technology rather than the data

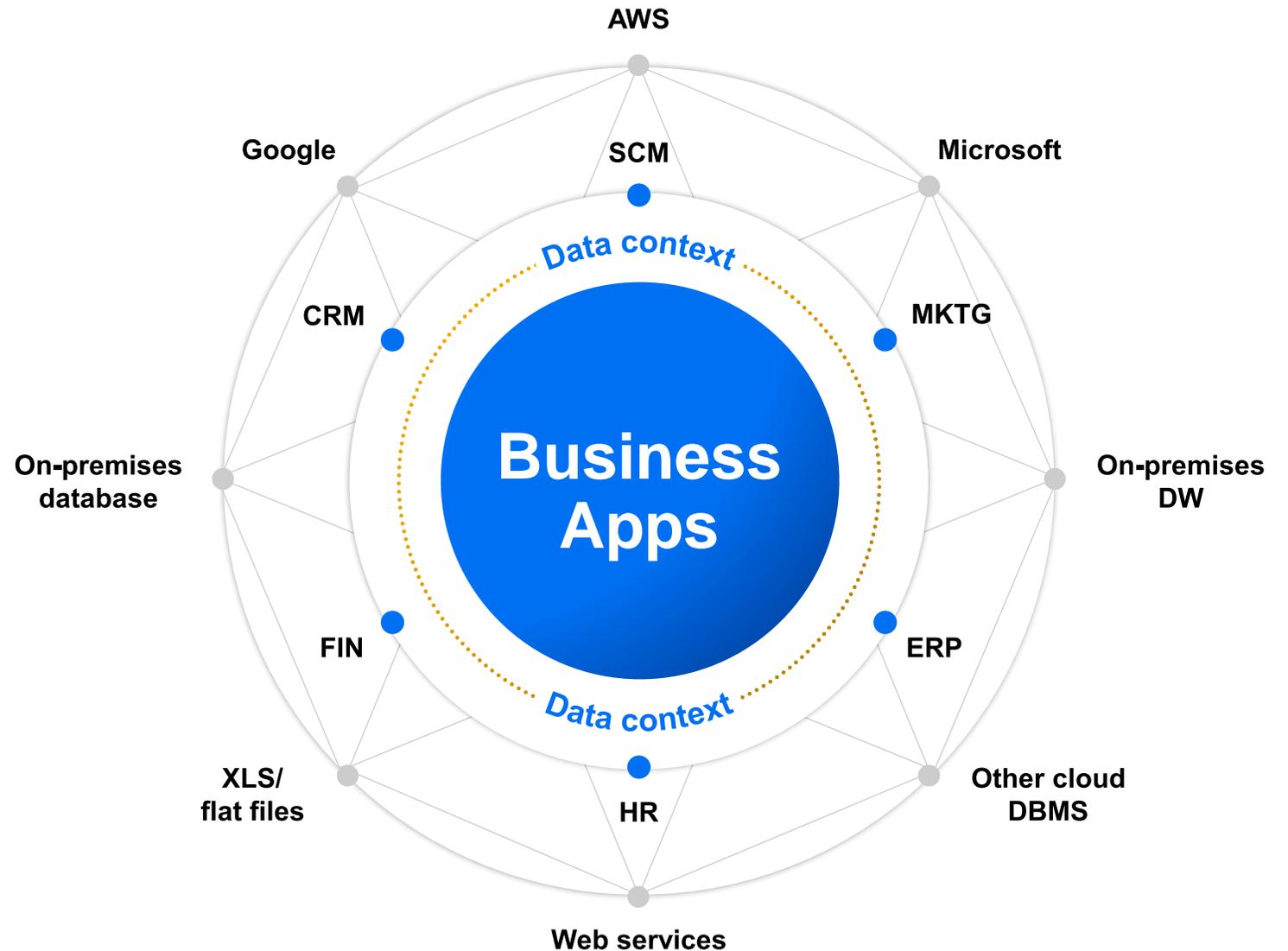


(Multi-) cloud brings new opportunities and challenges

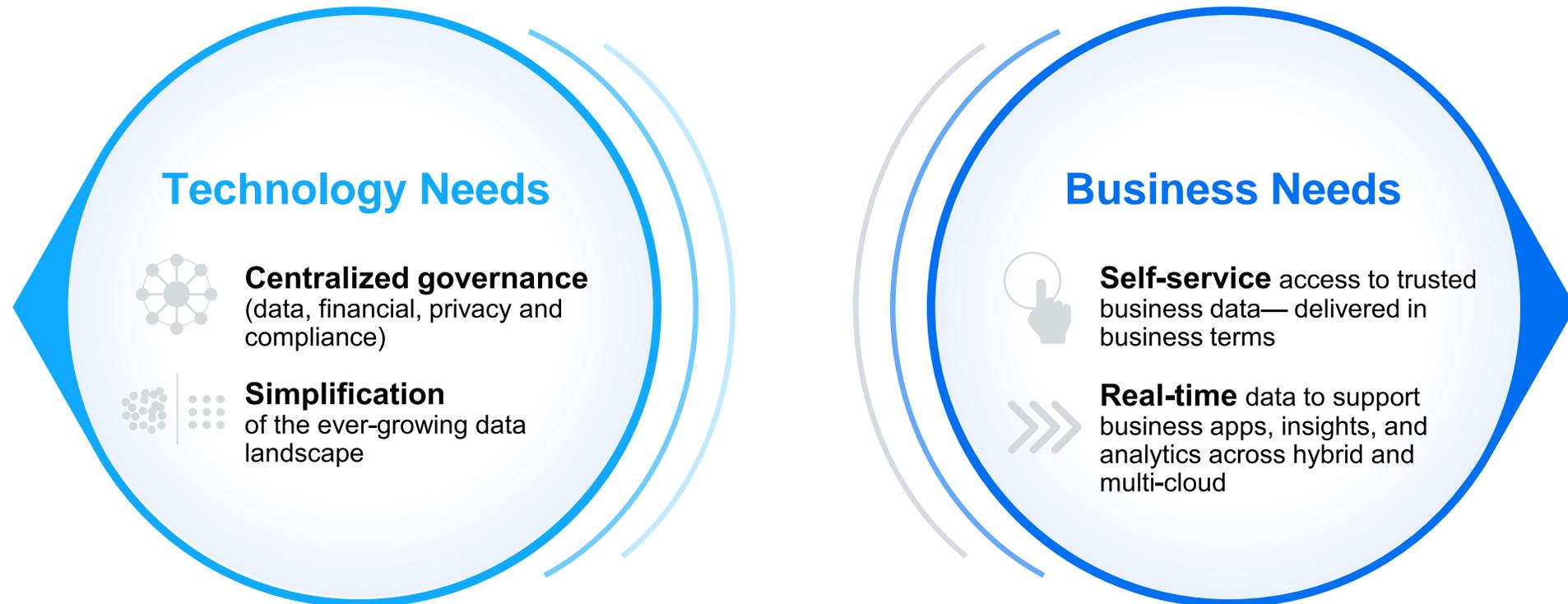
New data sets spawn new projects

On-premises sources remain

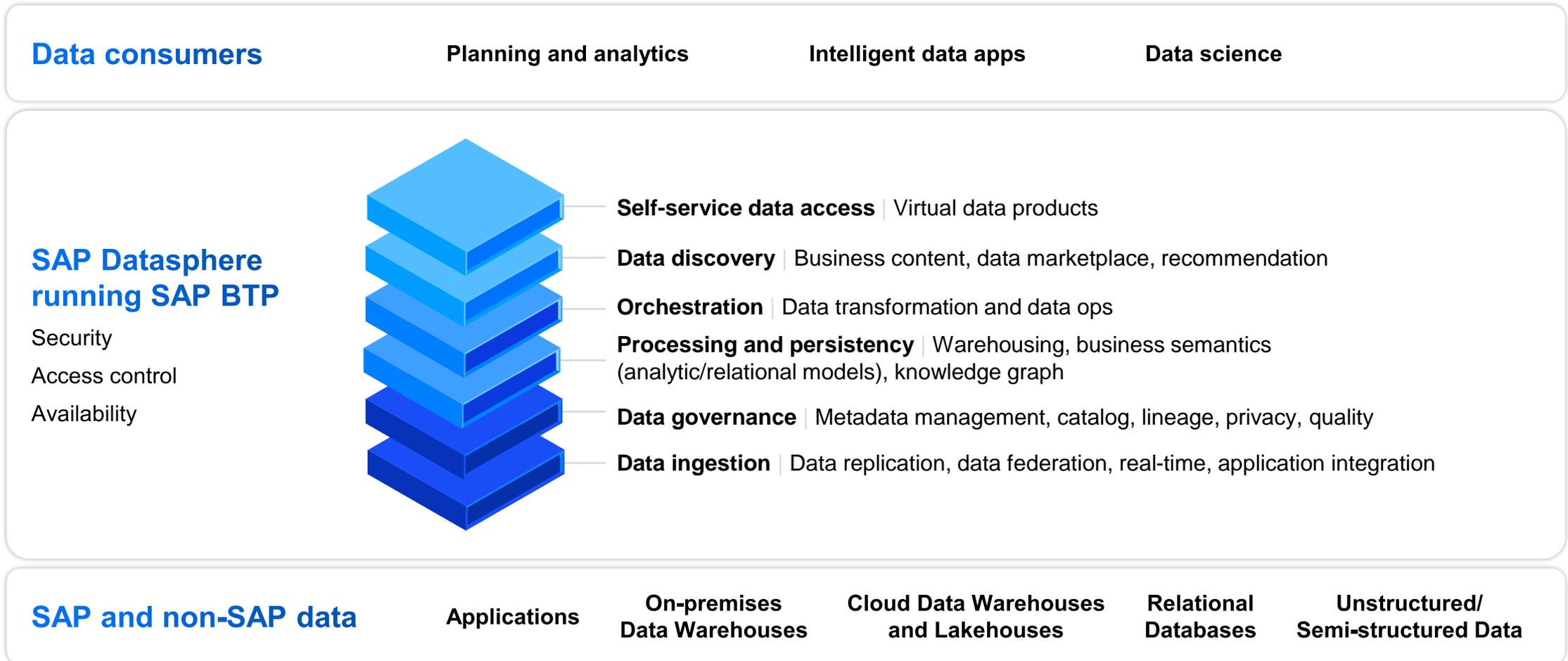
Complexity has increased, shifting governance and integration work back to customers



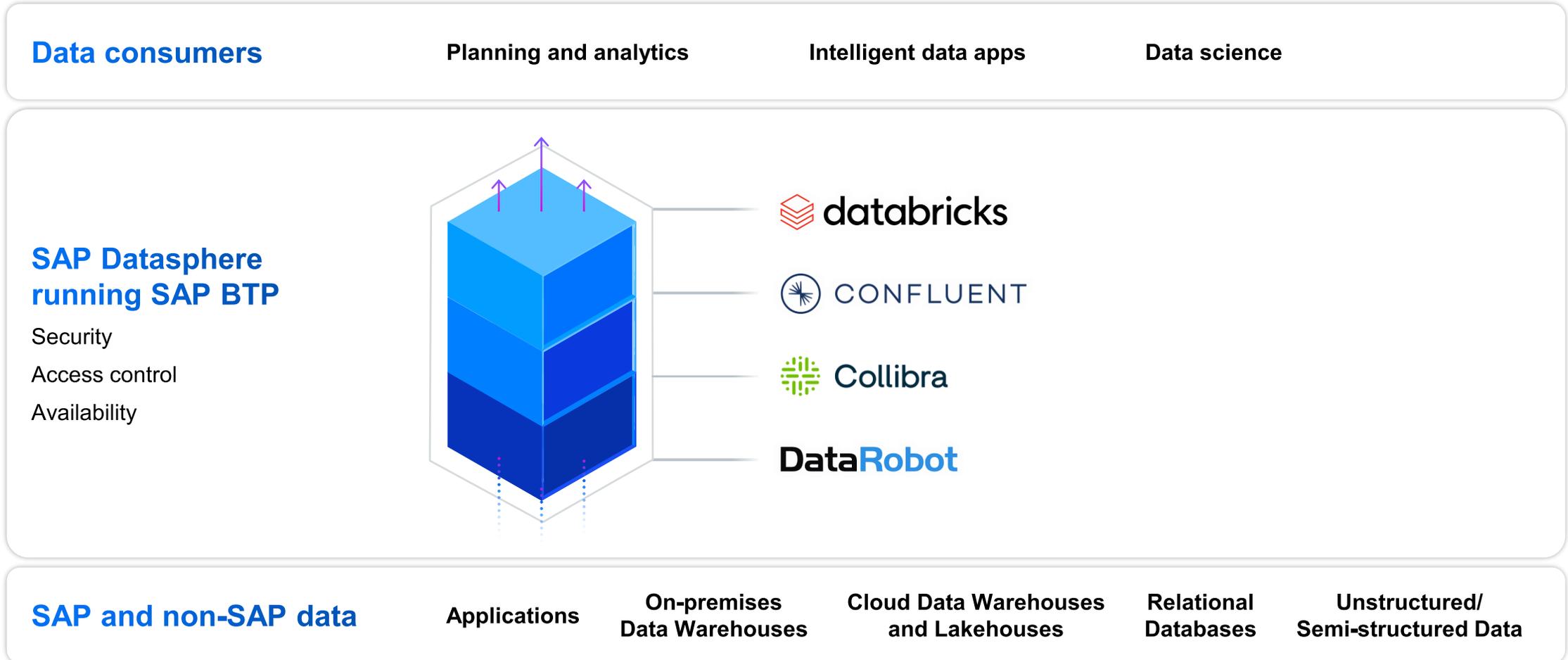
Universal yet opposing data needs for business and technology stakeholders



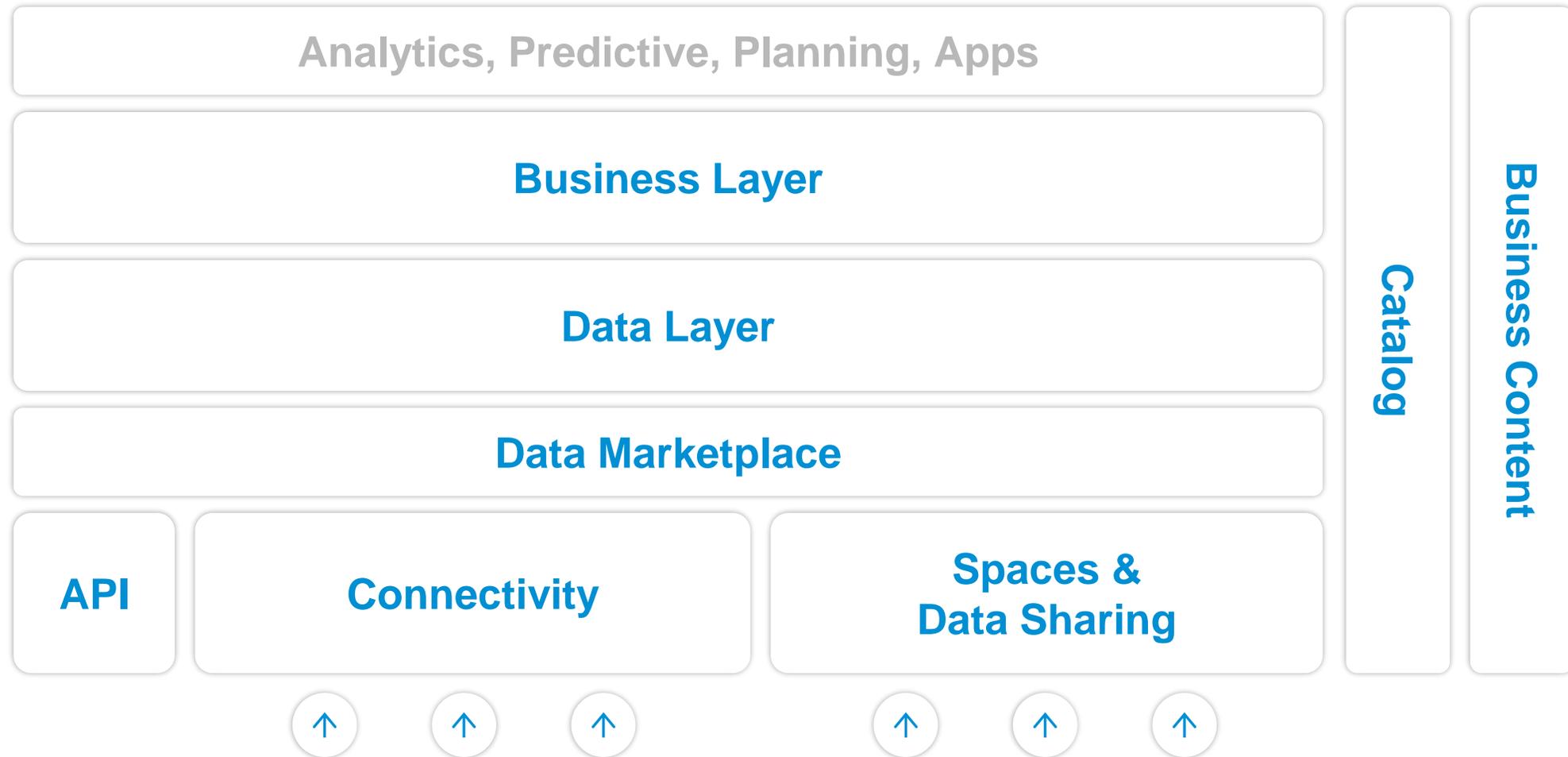
SAP Datasphere is the foundation for a business data fabric architecture



Together with our open data partners

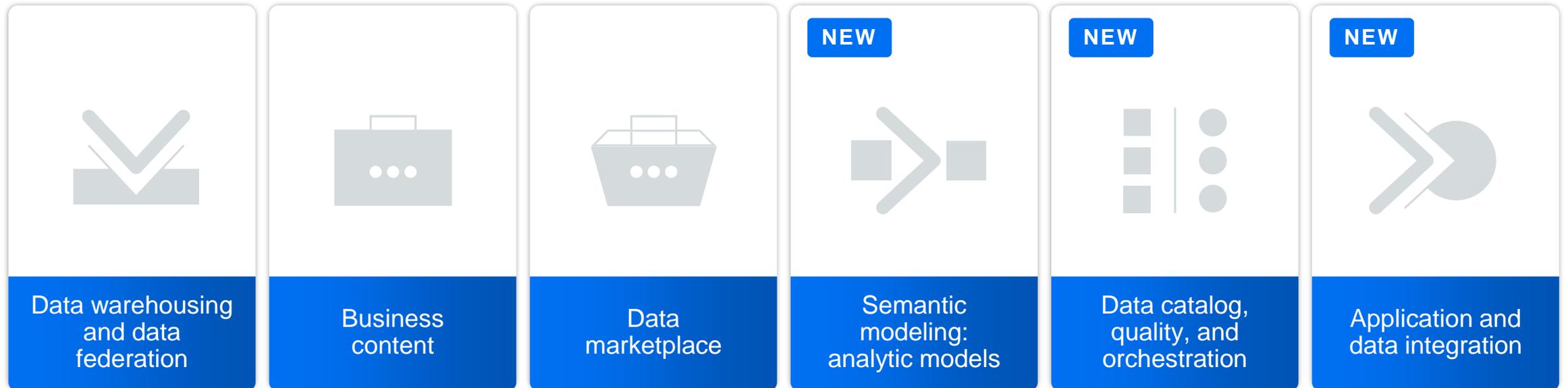


SAP Datasphere. High-level Component Overview



Evolving SAP Data Warehouse Cloud towards a business data fabric

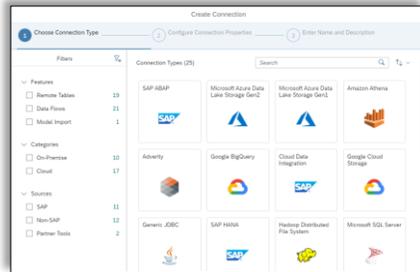
Key features of SAP Datasphere



SAP Datasphere. Selected Powerful Features

1

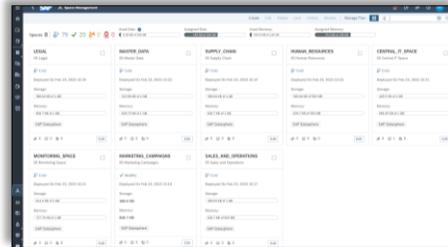
Connectivity



Combine data from different SAP & non SAP sources across on-prem & inter-cloud

2

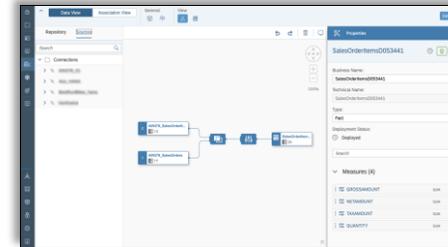
Space Management



Connect your global and local data in one solution without creating the next copy of data

3

No Code Data Modelling



State of the art graphical data modeling & intelligent data mapping capabilities

4

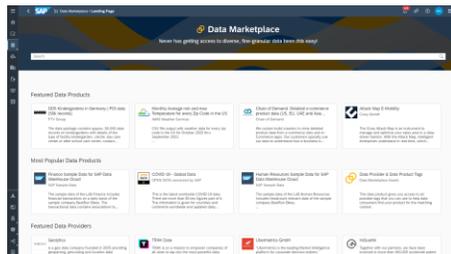
Semantic Layer



Connect data with business context via the Business Layer

5

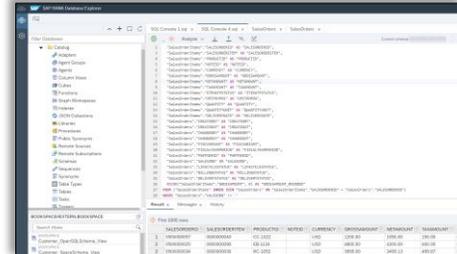
Data Marketplace



Access to external data in clicks, not projects and enrich your own data with additional information

6

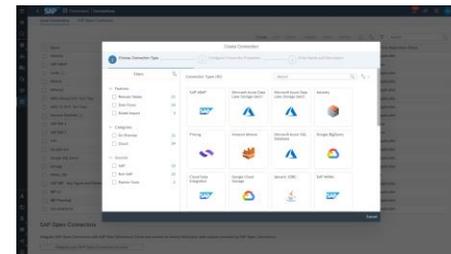
Openness



Open to external tooling for data integration, data modeling and consumption

7

BW bridge & Hybrid



Use BW bridge features or extend on-prem scenarios with SAP BW/4HANA or SAP BW

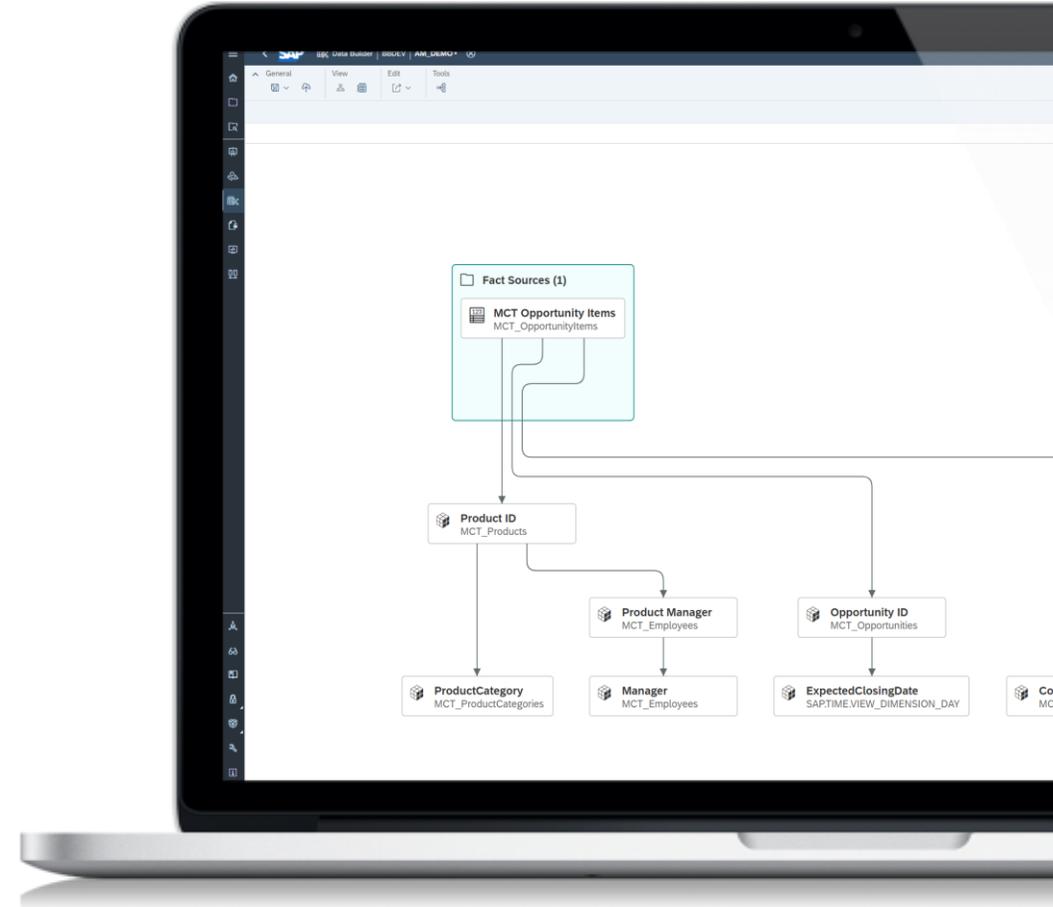
8

Advanced Analytics



Powerful integration with SAP Analytics Cloud & the add-in for Microsoft Office

Demo



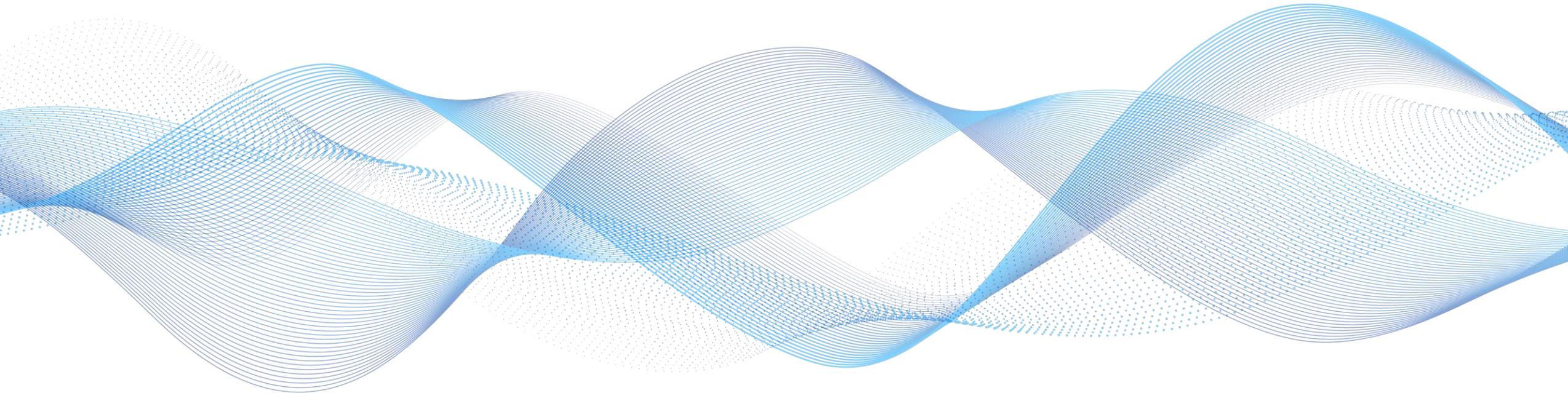
Welcome Datasphere

Why a business data fabric

Maximize valuable business context of mission-critical processes in real-time

Accelerate trusted decisions

Leverage existing skills and projects



Unleash the power of business data with SAP Datasphere

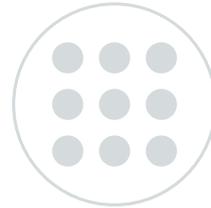


Access governed business data

Deliver business data in its business context

Make it effortless to model your business

Ensure governance throughout the data lifecycle



Enrich all data projects

Virtually access or physically store data from anywhere

Leverage trusted data partners and securely share data across the organization

Integrate with industry-leading data and AI platforms to capitalize on data investments



Simplify the data landscape

Innovate across hybrid architectures leveraging existing SAP models

Enable self-service data access

Leverage existing SAP BW models and transformations to innovate in the cloud

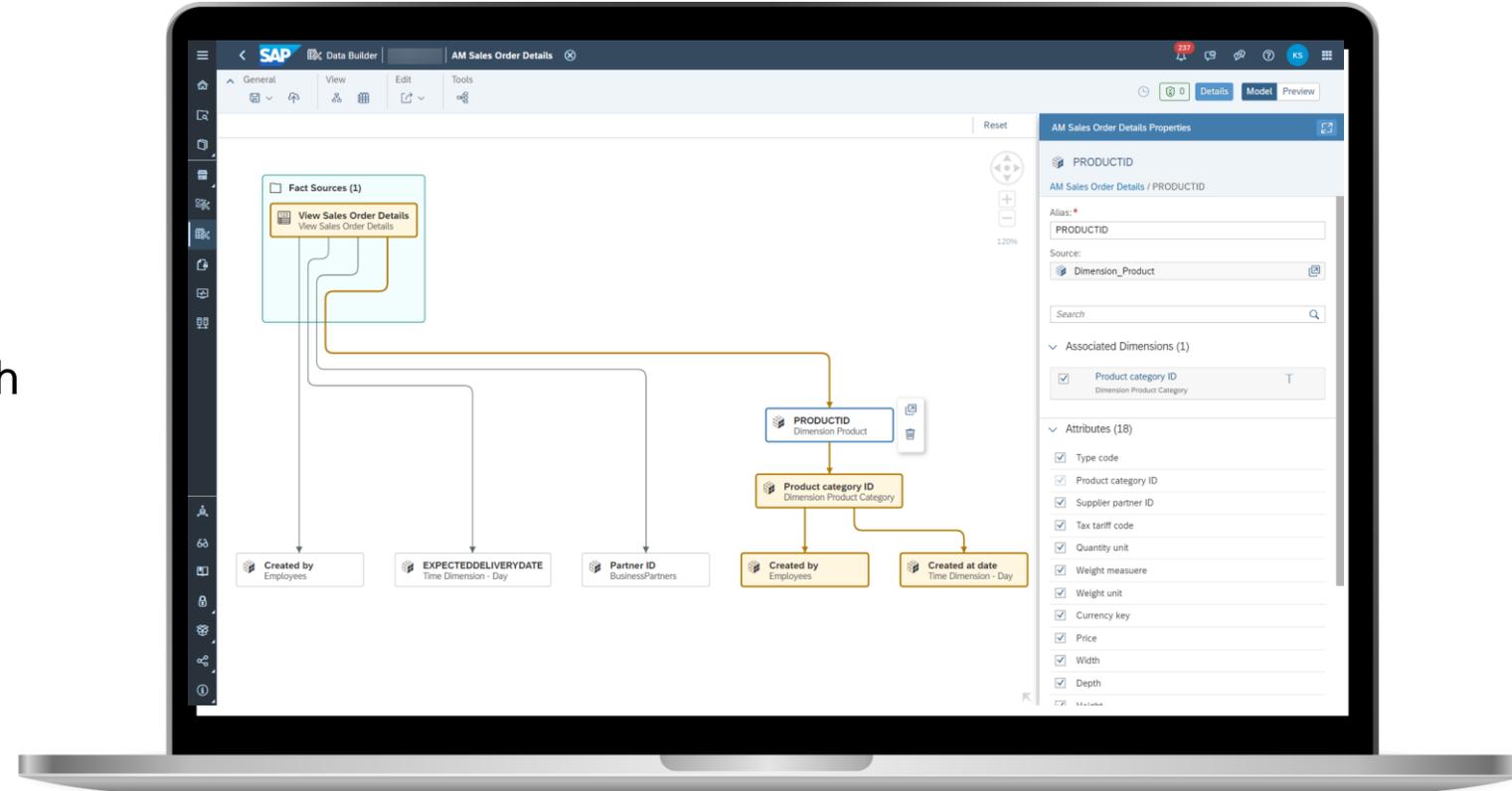
Access governed business data

Make it effortless to model your business

Solve complex modeling requirements with new SAP Datasphere Analytic Model

Satisfy needs of business and technical users

Reuse the semantical definitions and associations from SAP applications



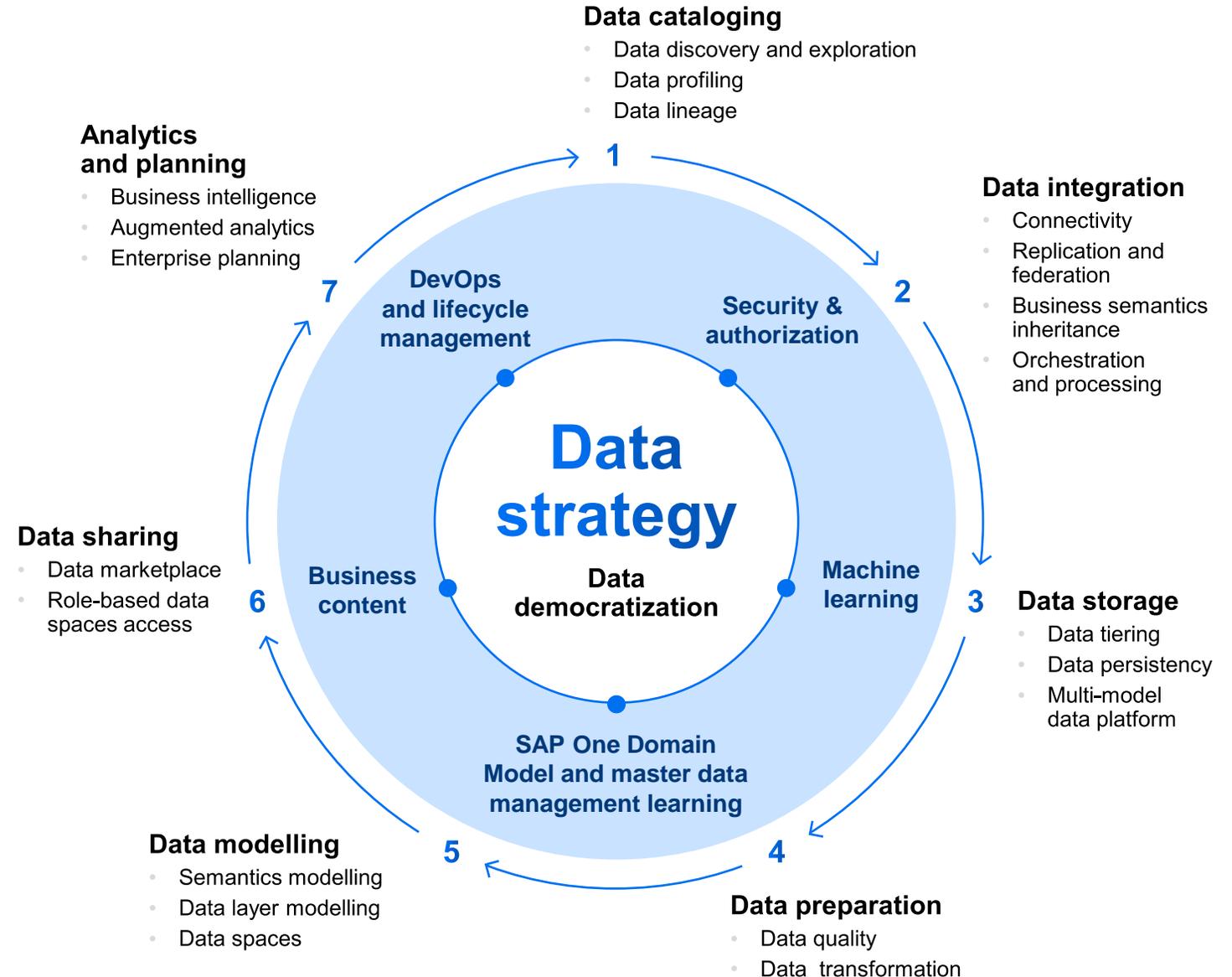
Access governed business data

Ensure governance throughout the data lifecycle

Discover, manage, and govern all data with the SAP Datasphere Catalog

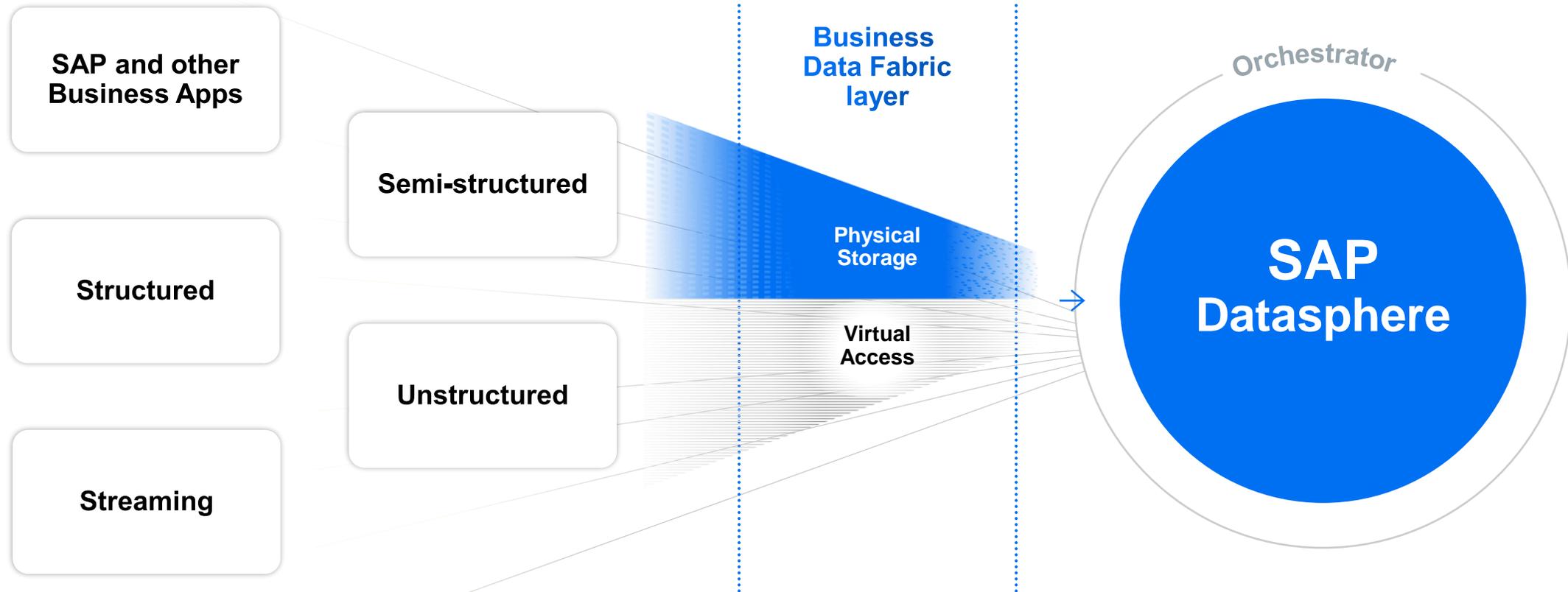
Manage data governance from a central point

Establish and share governance rules across systems



Enrich all data projects

Virtually access or physically store data from anywhere



Choose between SAP Datasphere data federation or data replication capabilities to combine sources and harmonize heterogeneous and real-time data

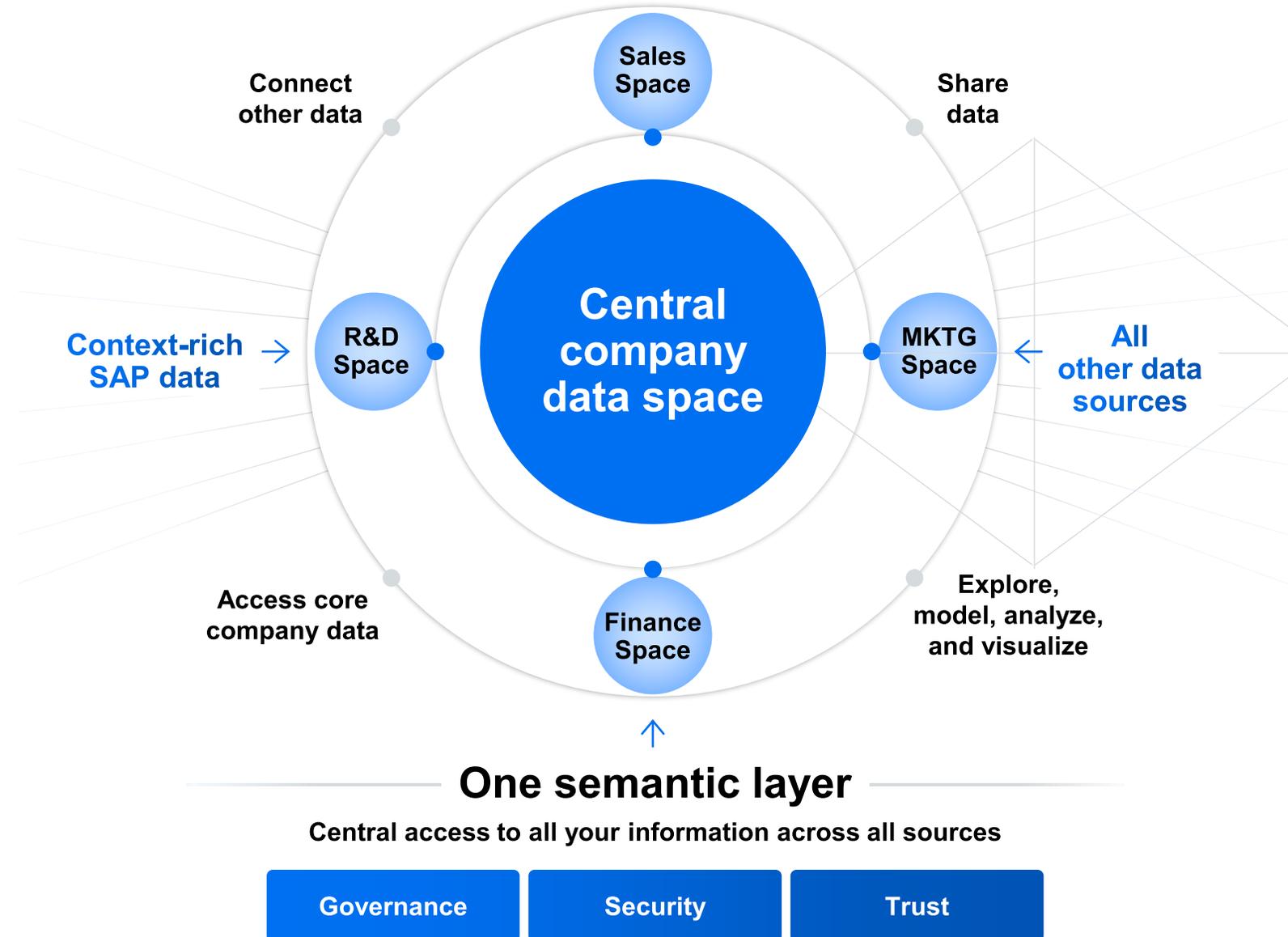
Simplify the data landscape

Enable self-service data access

Provide user-friendly access to data products that organize and manage data for different lines of business with SAP Datasphere Spaces

Implement powerful data preparation with complex transformations

Access data via SAP and non-SAP tools and open interfaces



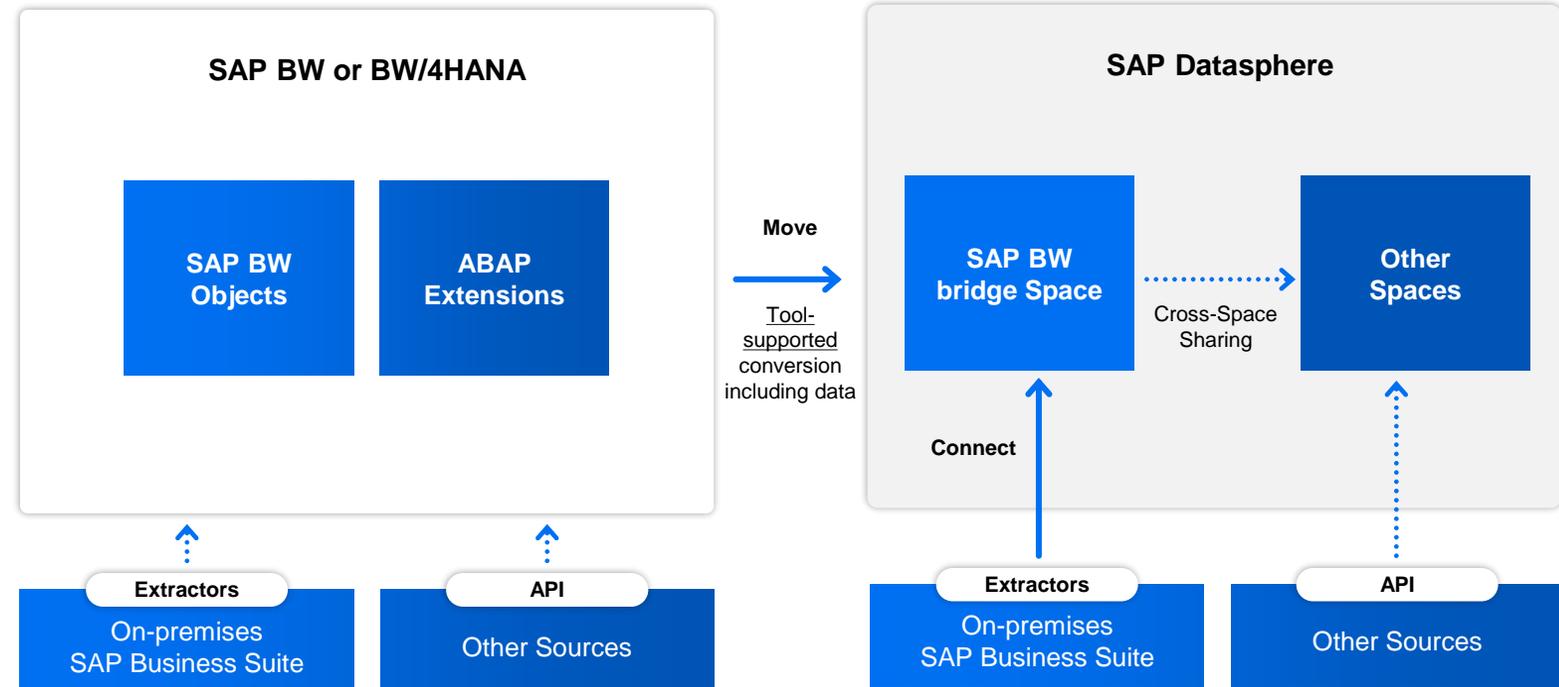
Simplify the data landscape

Leverage existing SAP BW models and transformations to innovate in the cloud

Reuse SAP BW content with SAP Datasphere, BW bridge.

Move existing SAP BW artifacts with transfer tools.

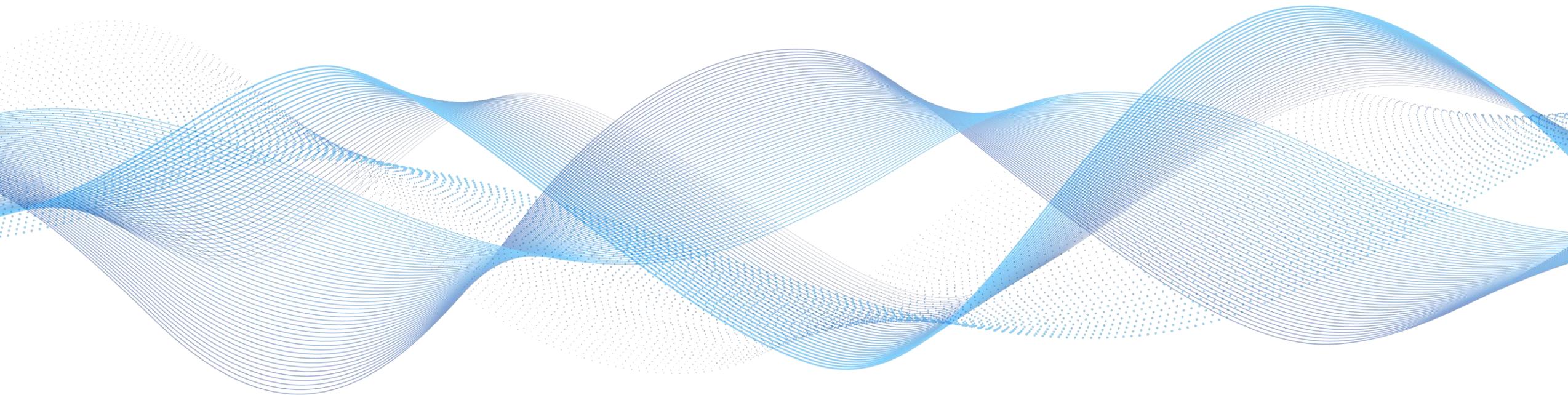
Transition at your own pace

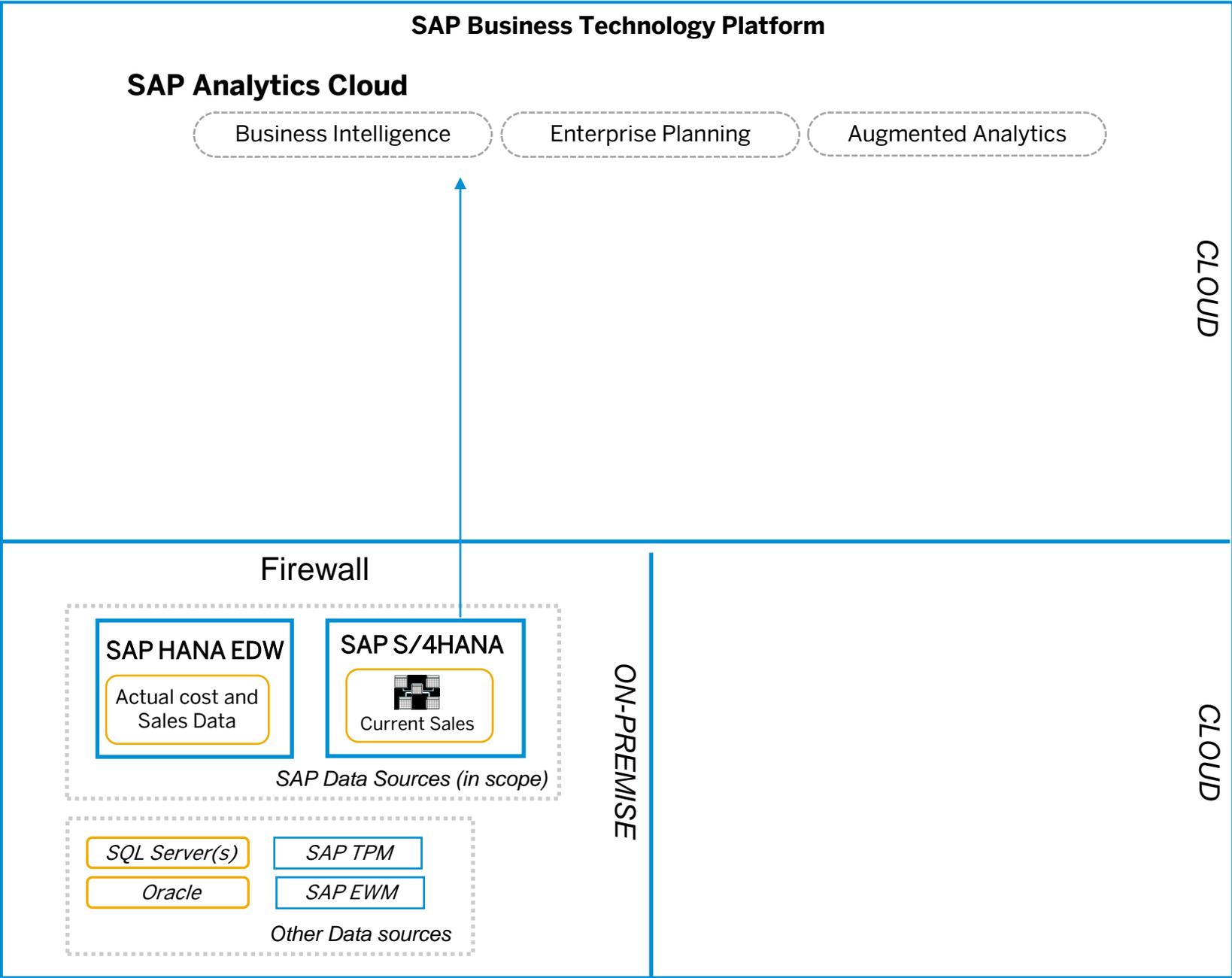


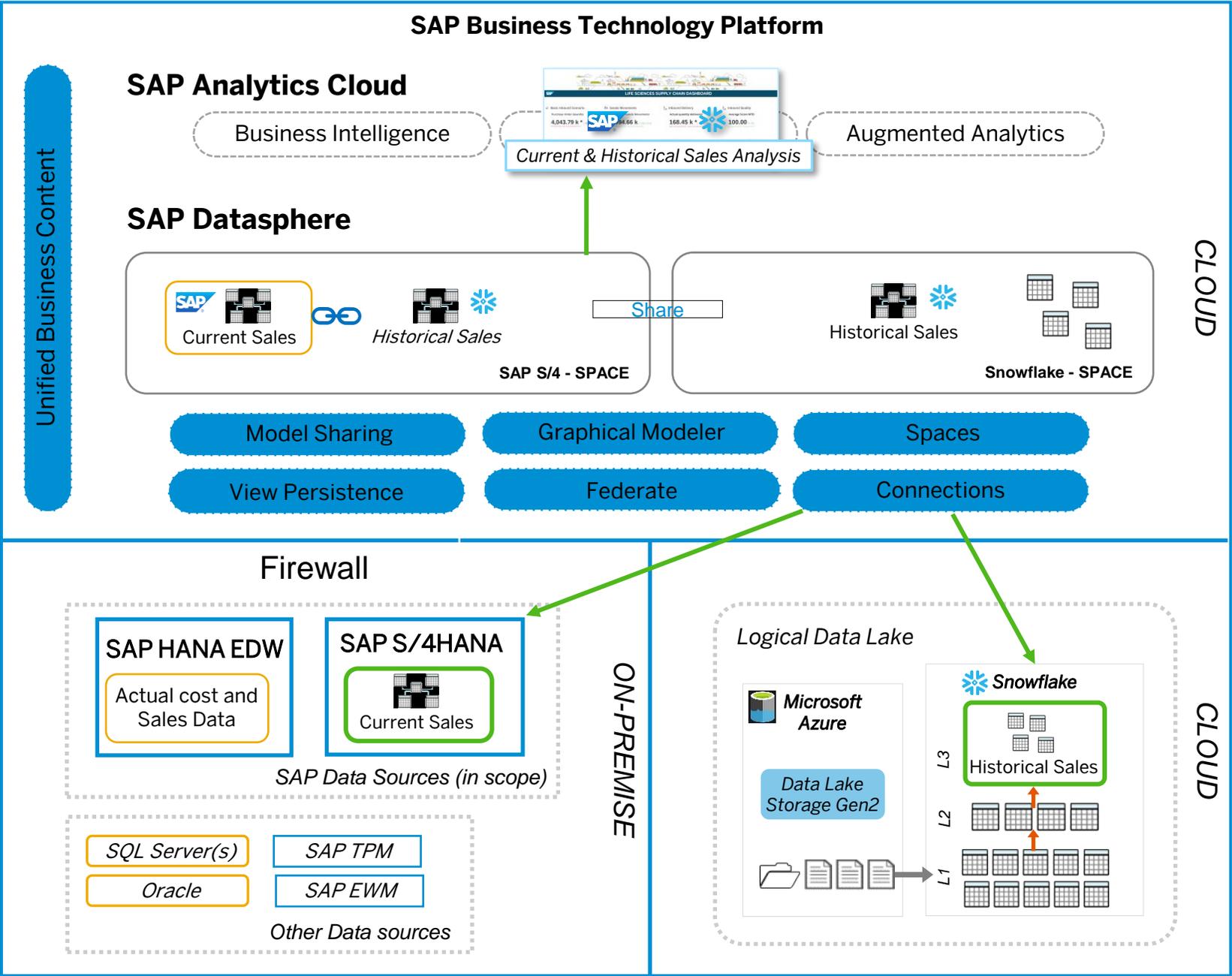
Data Harmonization Use Case

Using **SAP Datasphere** to combine **Historical Sales Orders (Azure / Snowflake)**

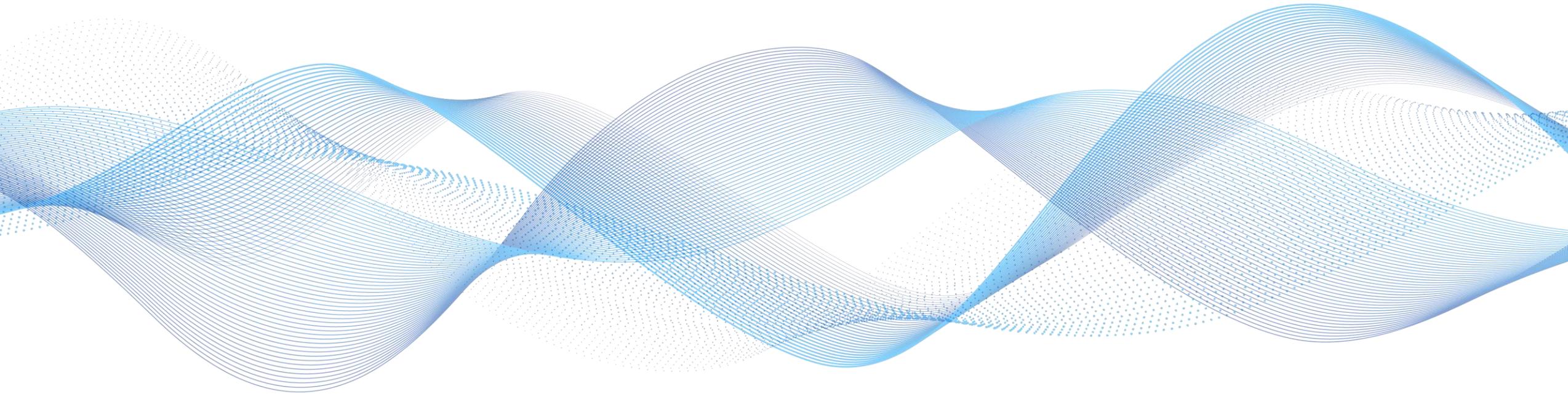
with **Current Sales Orders (SAP S/4)** to **analyze** in **SAP Analytics Cloud**



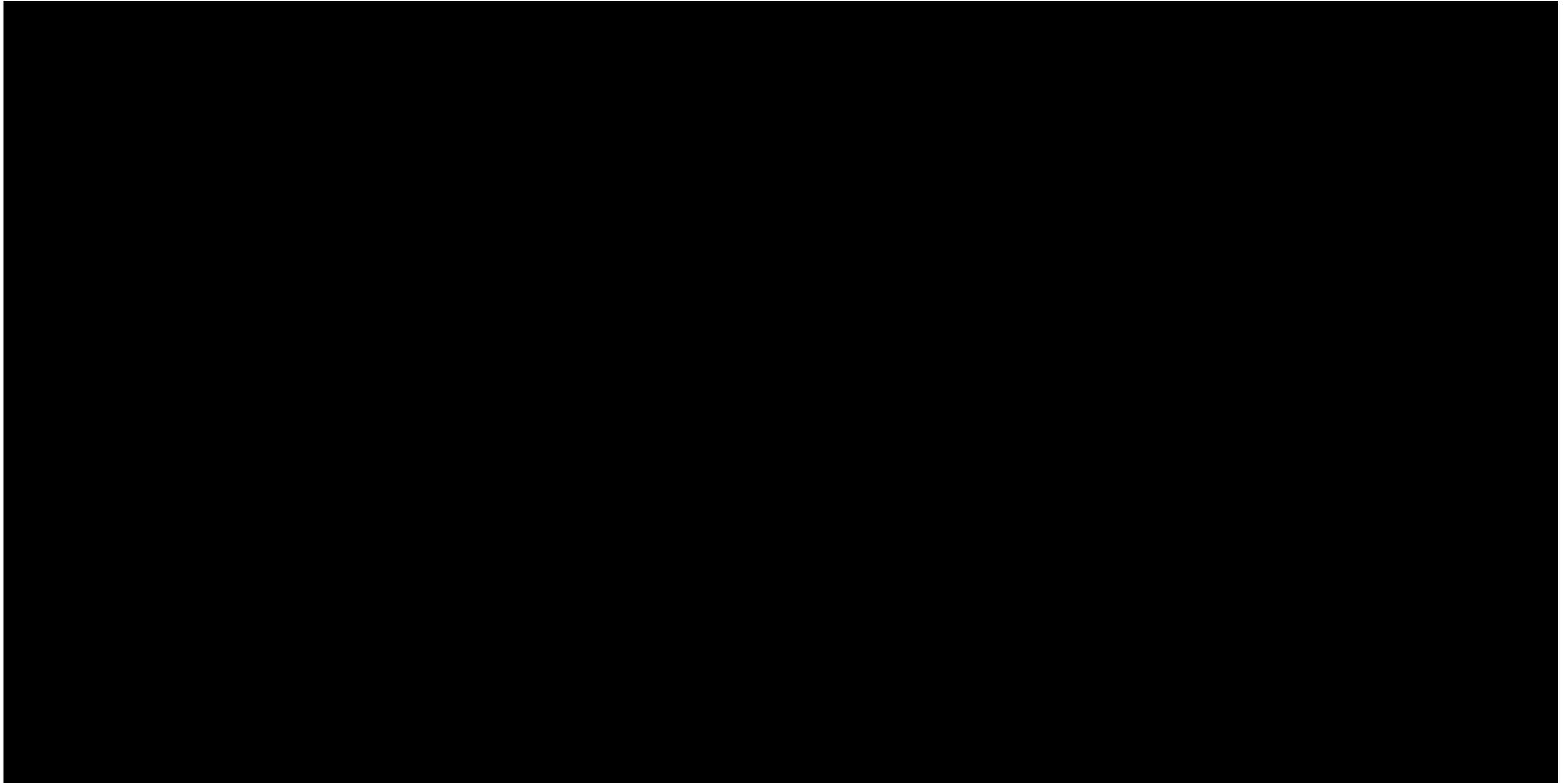




Upcoming capabilities



Welcome Datasphere



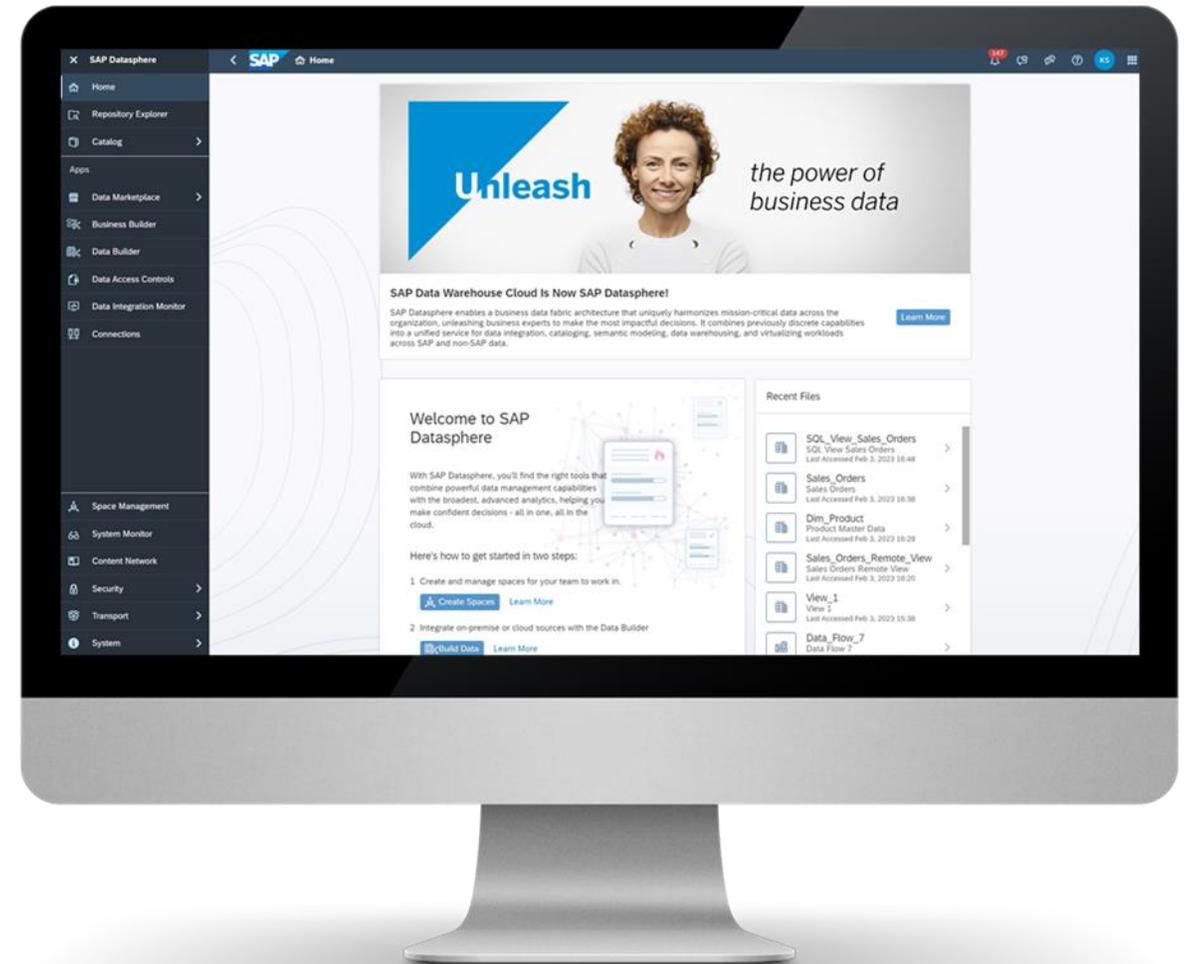
Start your data and analytics journey with SAP Datasphere

[Try the Guided Experience](#)

[Get a free trial](#)

[Learn more](#)

[Join the conversation](#)



Thank you.

Contact information:

Chris Pritchard
Chris.Pritchard@sap.com

