

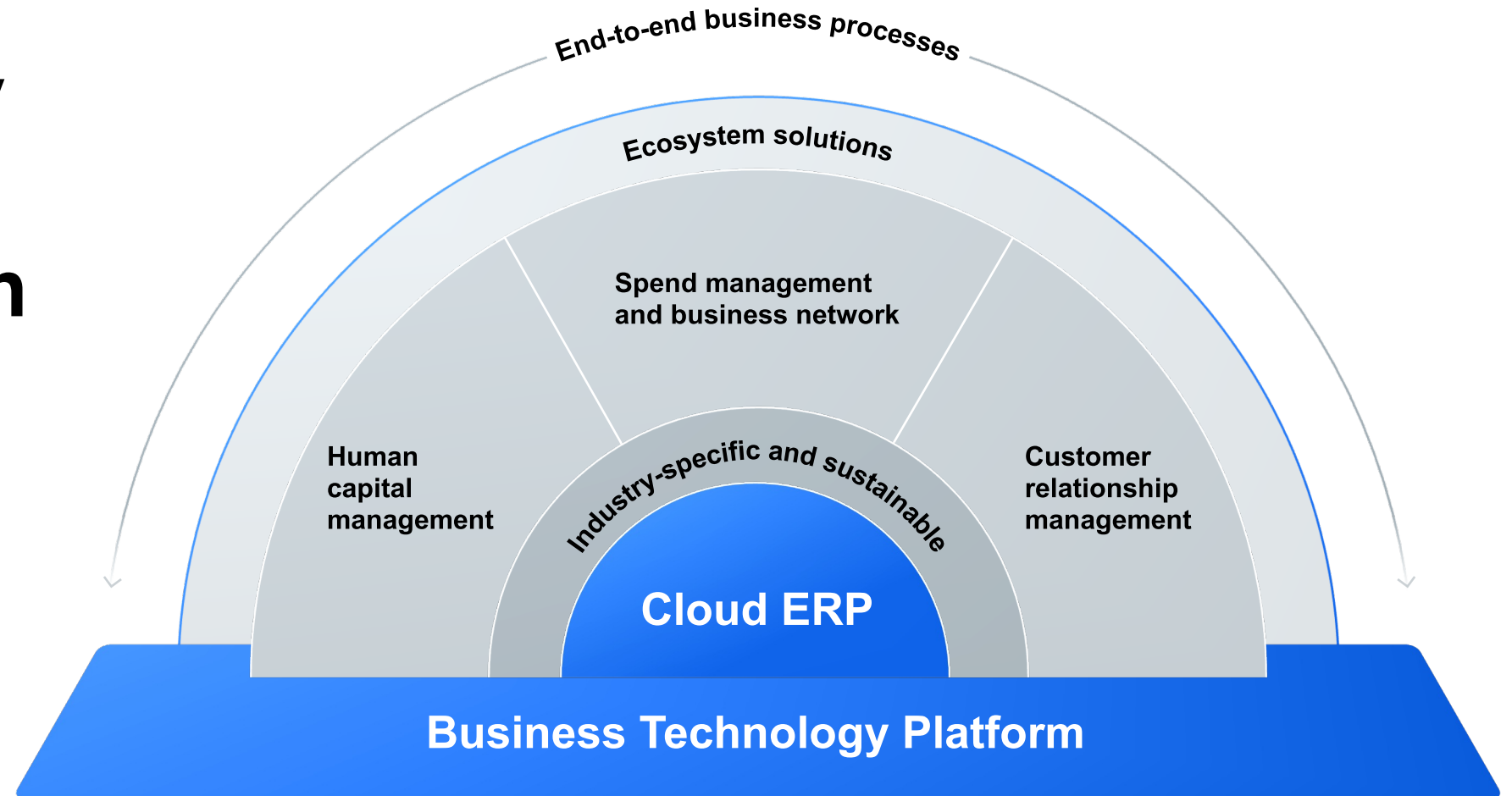
# SAP BTP Innovation Day

## SAP Datasphere Strategy in the context of BTP

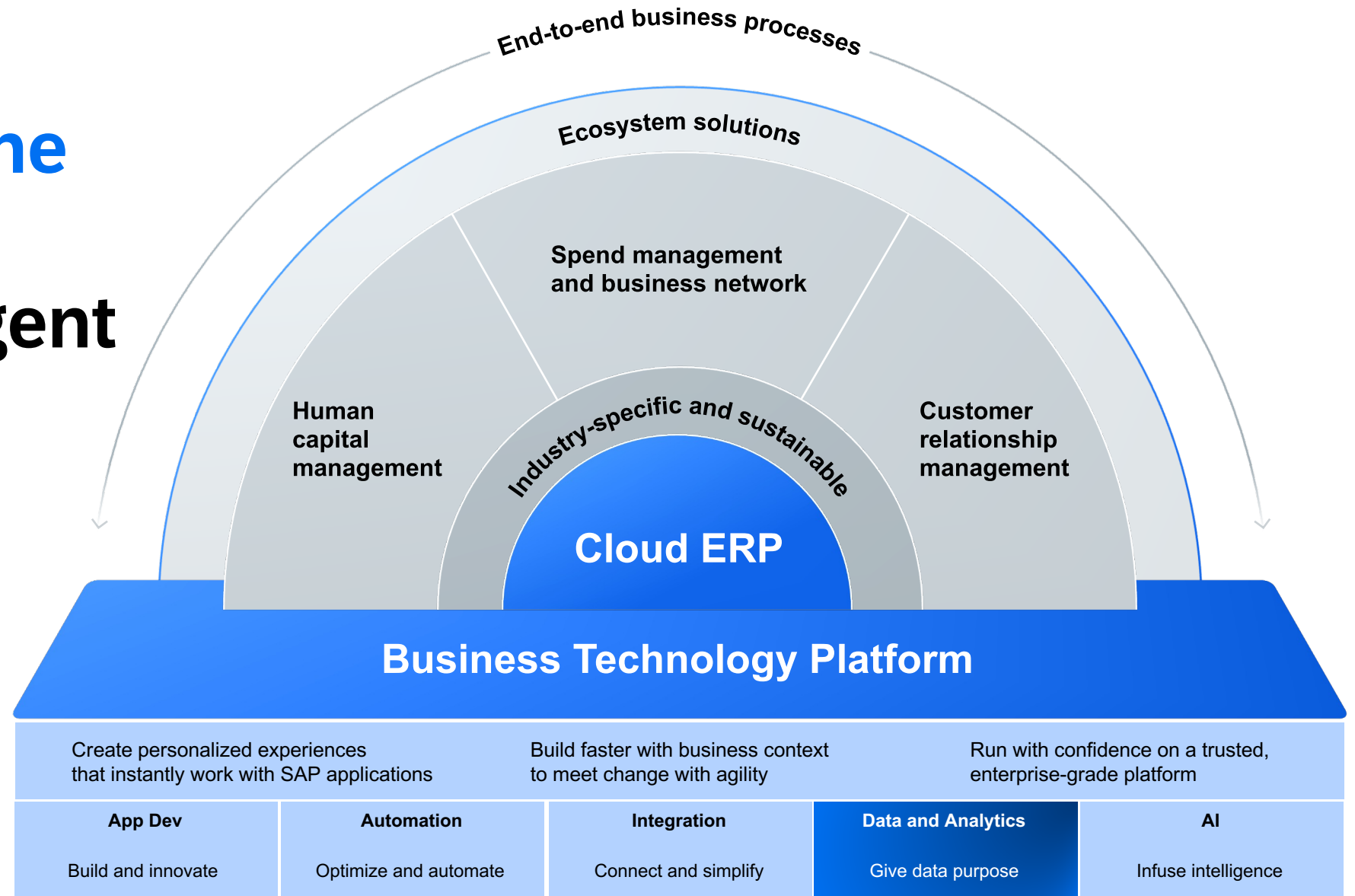
Iver dan de Zand, CTO SAP BTP EMEA

October, 2023

**Enable every  
enterprise  
to become an  
intelligent,  
sustainable  
enterprise**



# SAP BTP is the foundation of the Intelligent Sustainable Enterprise





A man wearing glasses and a light blue shirt is standing in a server room, holding a tablet. He is looking down at the tablet. The server room is filled with rows of server racks on both sides, with blue lights emanating from them. The floor is a light-colored tile. The text "Data-driven decision taking" is overlaid in a large, white, sans-serif font across the center of the image.

Data-driven  
decision taking



# SAP Data & Analytics

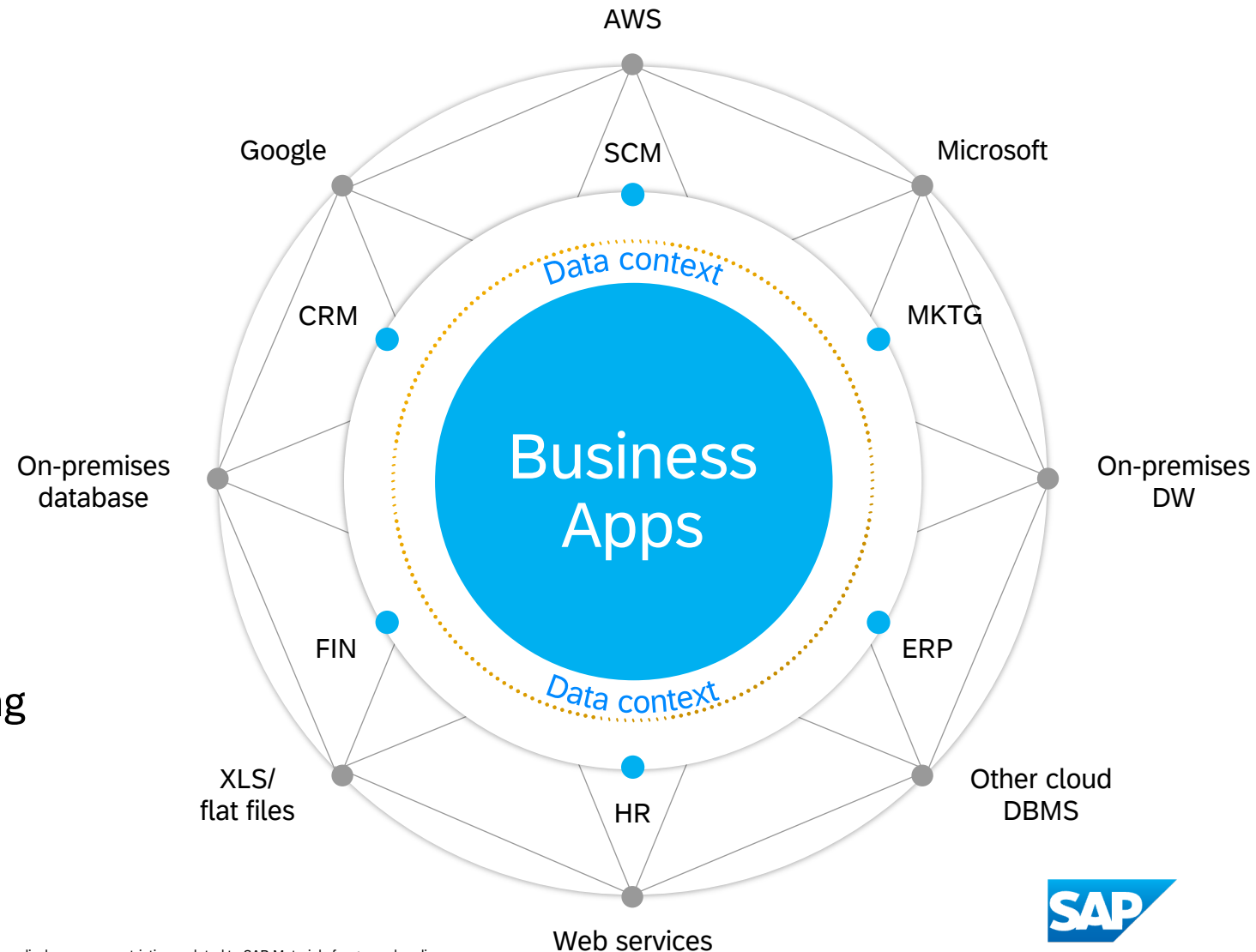
## Data needs context for better business decision-making

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 opportunities and challenges

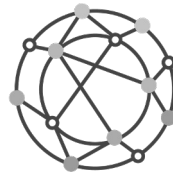


# SAP Data & Analytics: SAP Datasphere

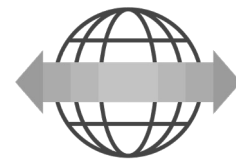
Unleash the power of your  
business data



**Access  
authoritative data  
for trusted insights**



**Enrich all your data  
projects  
with every data  
ecosystem**



**Simplify your data  
landscape  
No matter where your  
data resides**



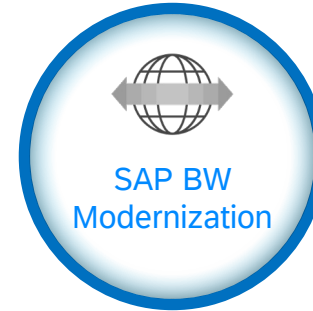
# SAP Datasphere: Use Cases



**Self-service Insights & Modeling** on S/4HANA and other Eco systems



Seamless **interoperability** between Datasphere and key Hyperscalers



**Modernization** of SAP BW with extended functionality and innovative use cases



**Consolidate** Operational & Business Planning with SAP Datasphere



# Integrated Data & Analytics Portfolio to realize our vision

## Planning & Analytics

### Extended Planning and Analytics

Provides an optimized, vertically integrated consumption layer for customers, LoBs, partners

**SAP Analytics Cloud**

## Data Mgmt. & Data Warehouse

### Business Data Fabric

Harmonizes access to SAP data (incl. business context) with the ability to feed in external data

**SAP Datasphere**

## Operational Databases

### Intelligent Data Applications

Build apps leveraging analytical capabilities (ML, graph, spatial) of data tier combining historical & real-time data  
Supported by BTP Services (e.g. pro / no-code app, development tools)

**SAP HANA Cloud**



# SAP Analytics Cloud and SAP Datasphere key takeaways.

## State of the Art Frontend

Consolidated, powerful and efficient frontend components, integrated anywhere

## eXtended Planning & Analytics

Create powerful planning solutions and augment BI use cases with simulation

## Artificial Intelligence

Augment analytics workflows with AI as an integral part of our offering

## Tightly Integrated & Semantically Enriched

Strengthening the seamless interplay of our solutions and leveraging existing semantics

## End-to-End

Matching with existing enterprise landscapes and covering key data use cases

## Flexible & Open

Embedded into an ecosystem and enabling partner solutions



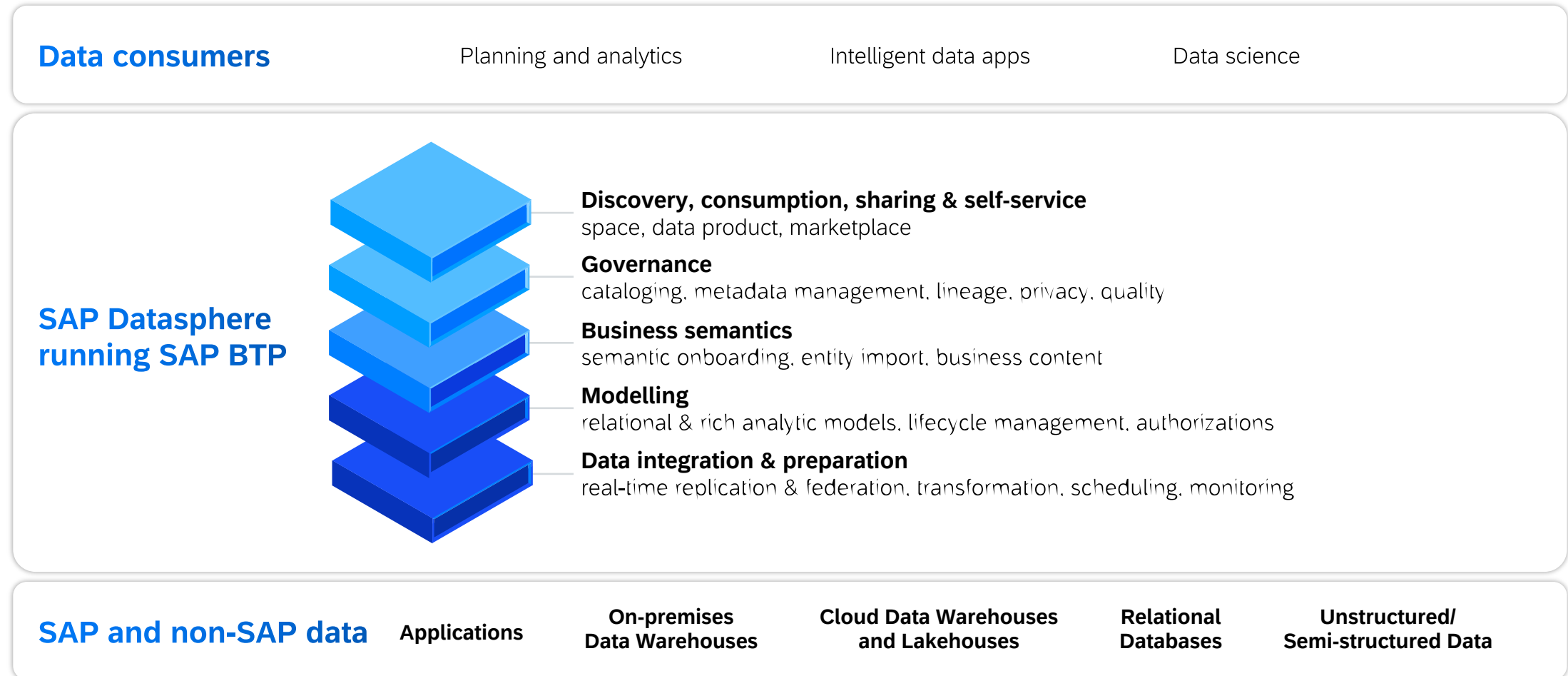
# SAP BTP Innovation Day

## SAP Datasphere – Capabilities

Mikal Netteberg & Chris Pritchard, BTP Center of Excellence  
*October, 2023*



# SAP Datasphere is the foundation for a business data fabric architecture



# Together with our open data partners

**SAP Datasphere  
embracing openness**



Databricks delivers a Data Lakehouse platform, based on Apache Spark, and Delta Lake that brings reliability to data lakes for machine learning and other data science use cases.



Confluent delivers the leading cloud-native service for connecting and processing real-time data with a fully-managed Apache Kafka environment.



Collibra delivers the best-of-breed data intelligence cloud platform that tightly integrates data catalog, governance, lineage, quality, and privacy capabilities.



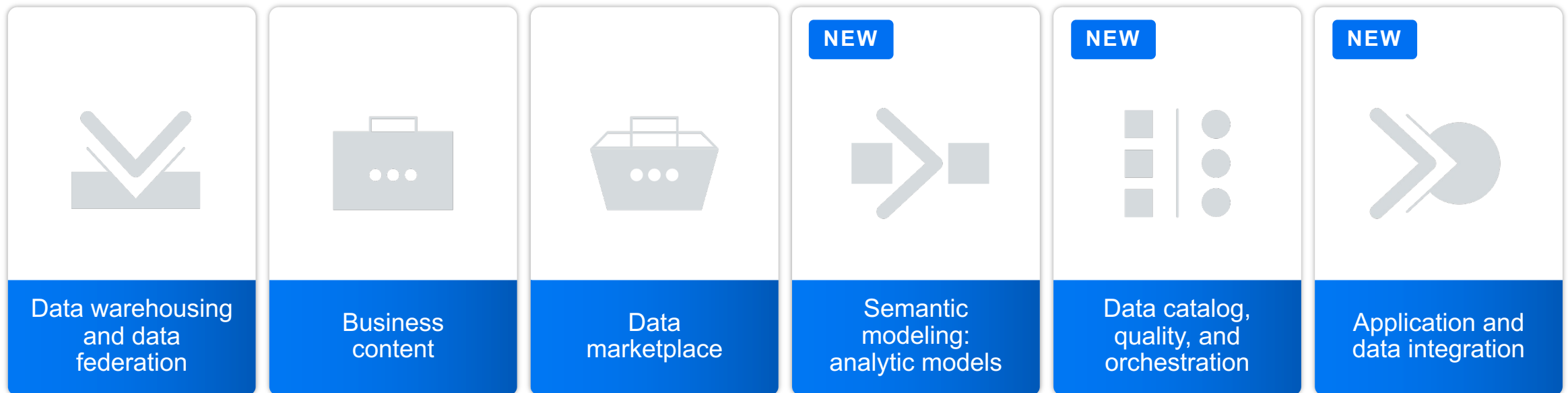
DataRobot empowers organizations to leverage augmented intelligence with automated machine learning.



Extend SAP data models to Google Big Query or bring Google Big Query insights directly into SAP processes with the ability to gain new analytics and AI insights from unified data.

# Evolving SAP Data Warehouse Cloud towards a business data fabric

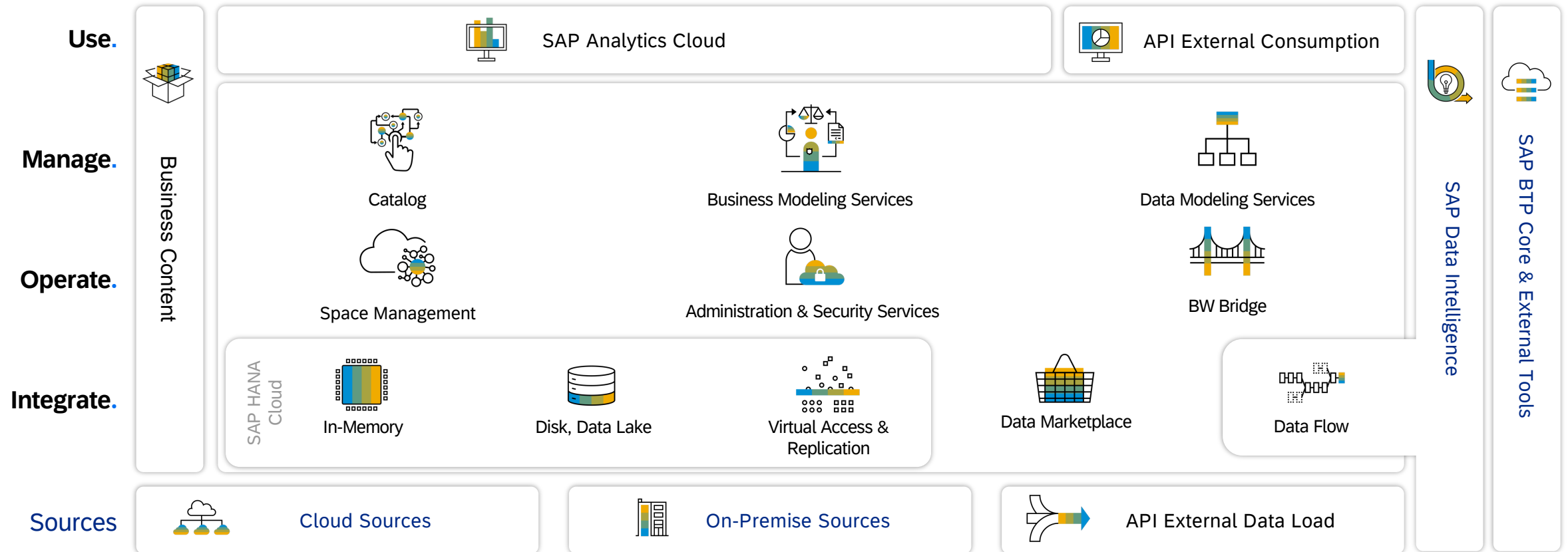
## Key features of SAP Datasphere





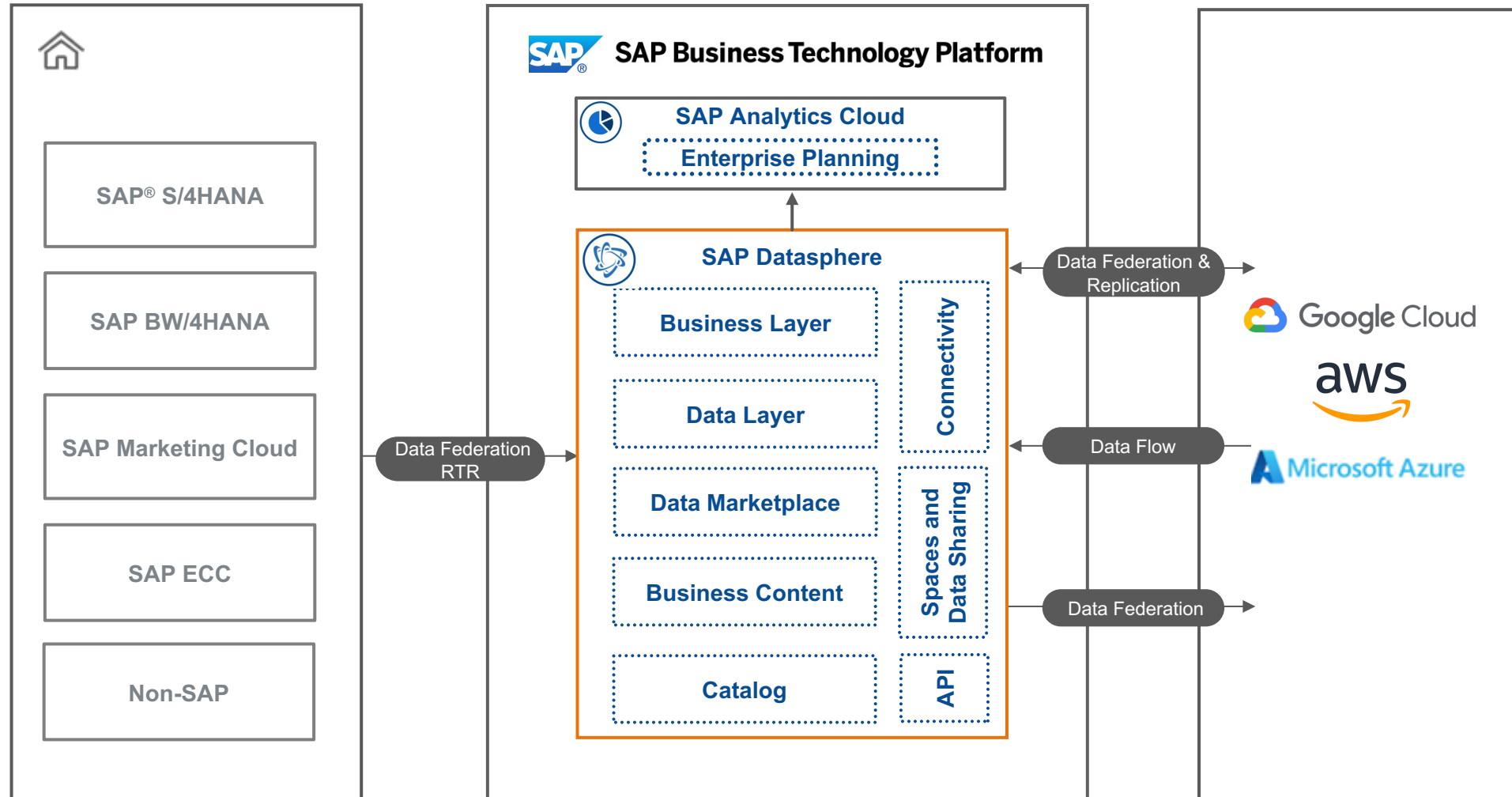
# SAP Datasphere

## A Common Data Foundation for Trusted Enterprise-Wide Data



Provide your users an end-to-end view of their data landscape that is trusted, secure, and actionable

# Reference Architectures...



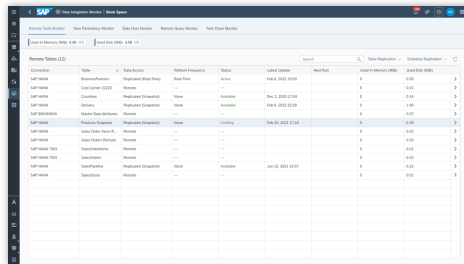
The background is a vibrant blue with various geometric and organic shapes. A large, 3D, transparent blue cube is positioned on the right side, tilted at an angle. Several diagonal lines and bands of different shades of blue cross the frame. At the bottom, there are wavy, layered lines that resemble a topographical map or a series of overlapping sheets of paper.

**Integrate...**



# Integrate. Open for Virtual Access and Persistence

## Virtual Access

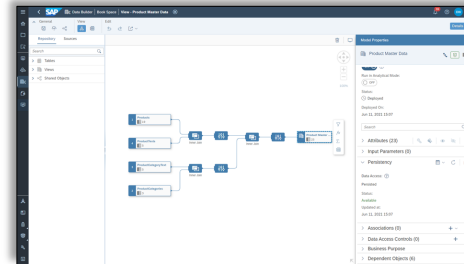


### Remote table federation

- Leave data in the source system and access remotely in real-time when needed
- No upfront data movement
- Federation is supported across various sources and hyperscalers



## Persistence



### Remote table replication

- Real-time replication or snapshots using single entities

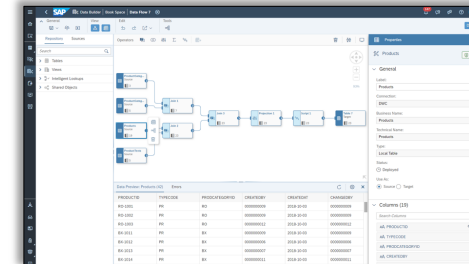
### Replication flow

- Replication with multiple entities and flexible targets

### View Persistence

- Materialize view output results in a stable persistence

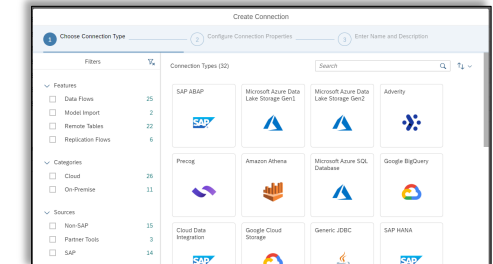
## Data Flow



### Batch loads & transformations

- Combine structured and semi structured data while defining ETL processes
- Advanced transformation capabilities leveraging Python 3
- Schedule in task chains

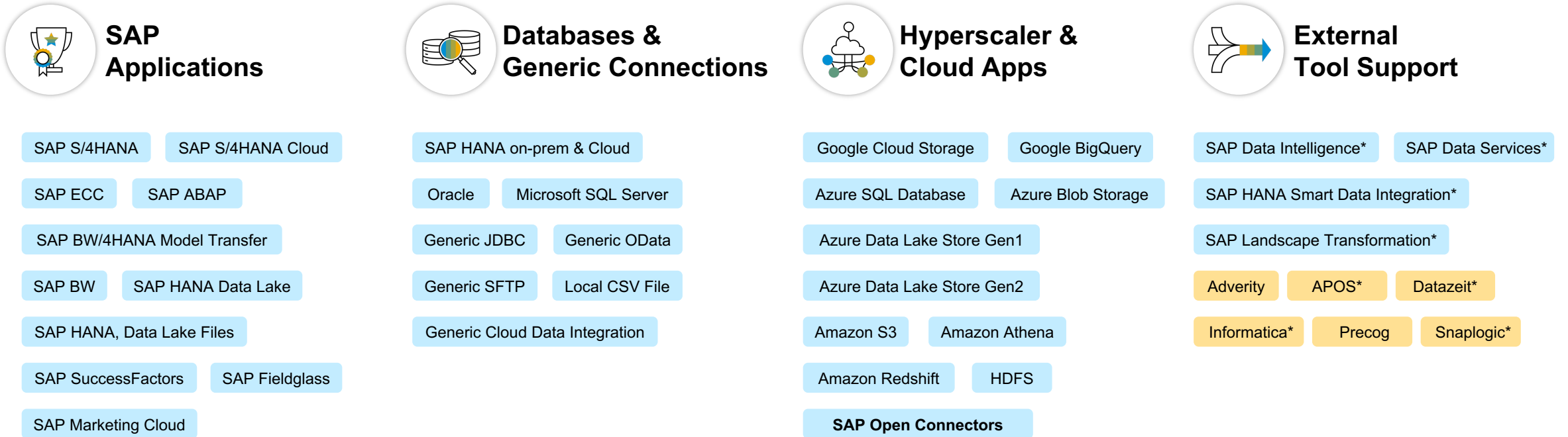
## External Tools



### Integrate with all data sources

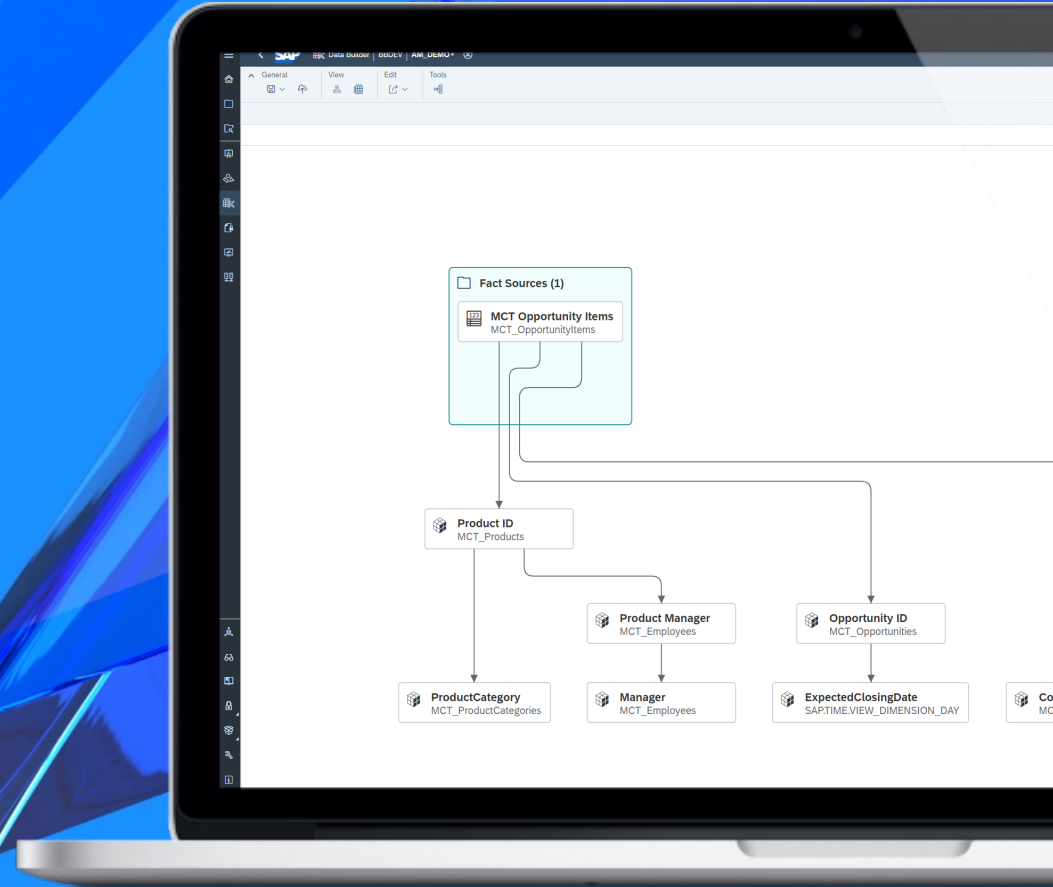
Allow external data movement tools like SAP Data Services, SAP Data Intelligence, SAP OpenConnectors, SnapLogic, Precog, Adverity, etc. to bring data into the system using SQL interfaces and the open SQL schema

# Integrate. Data Sources Overview



SAP Help: [Connection Overview](#)

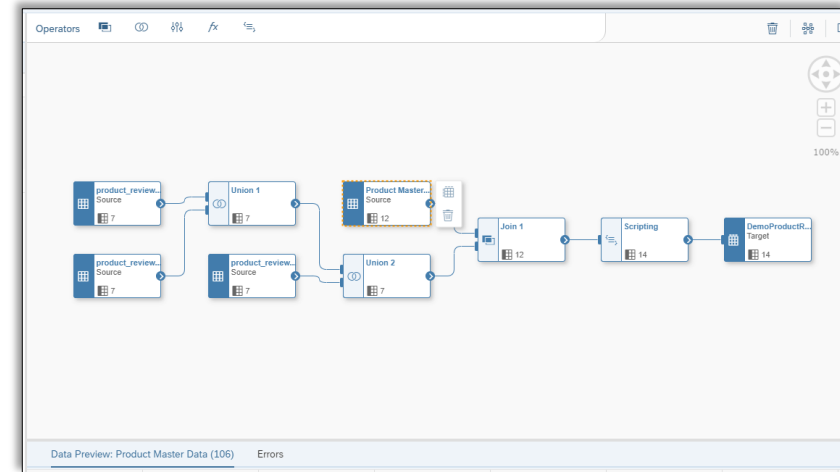
# Demo...



# Integrate. Data Flow – Transformation Capabilities

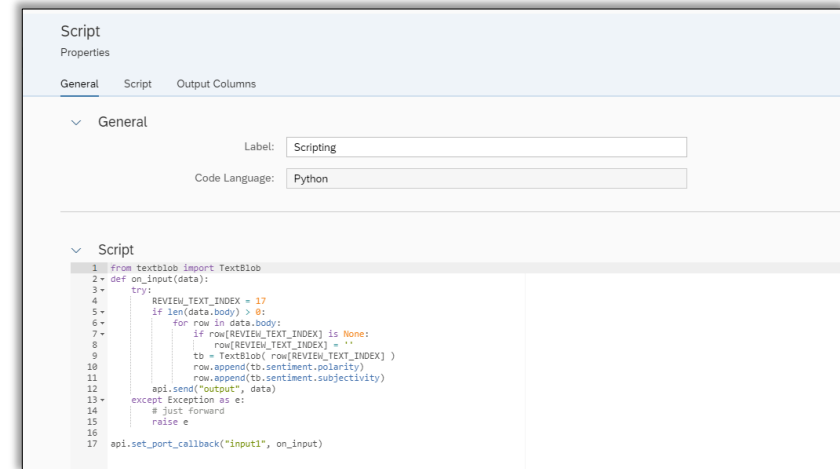
## Standard Transformations

- Combine data sets with no code operators for Projection, Aggregation, Join, Filter, Union, Add Table
- Data source can be tables, ABAP CDS views, OData, remote files (JSON/JSONL, CSV, ORC, EXCEL, or PARQUET)
- Target mode: Append/Upsert, Truncate, Delete



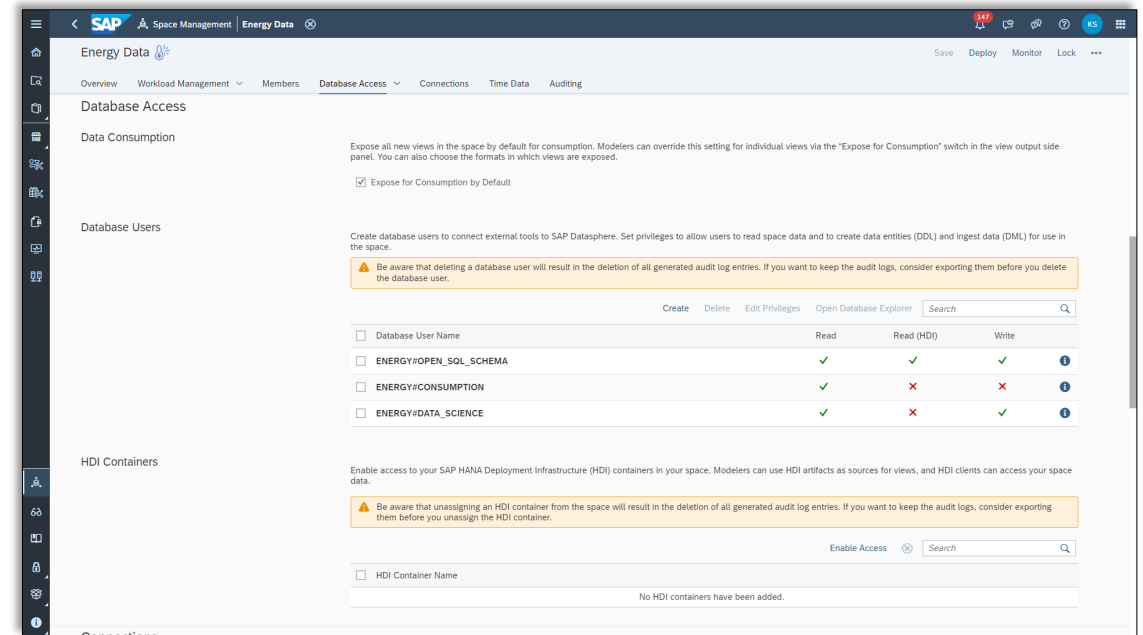
## Scripting

- Advanced transformation requirements like extraction of text
- Embedded scripting editor in Data Flow Modeler
- Support of standard Python 3 scripting language



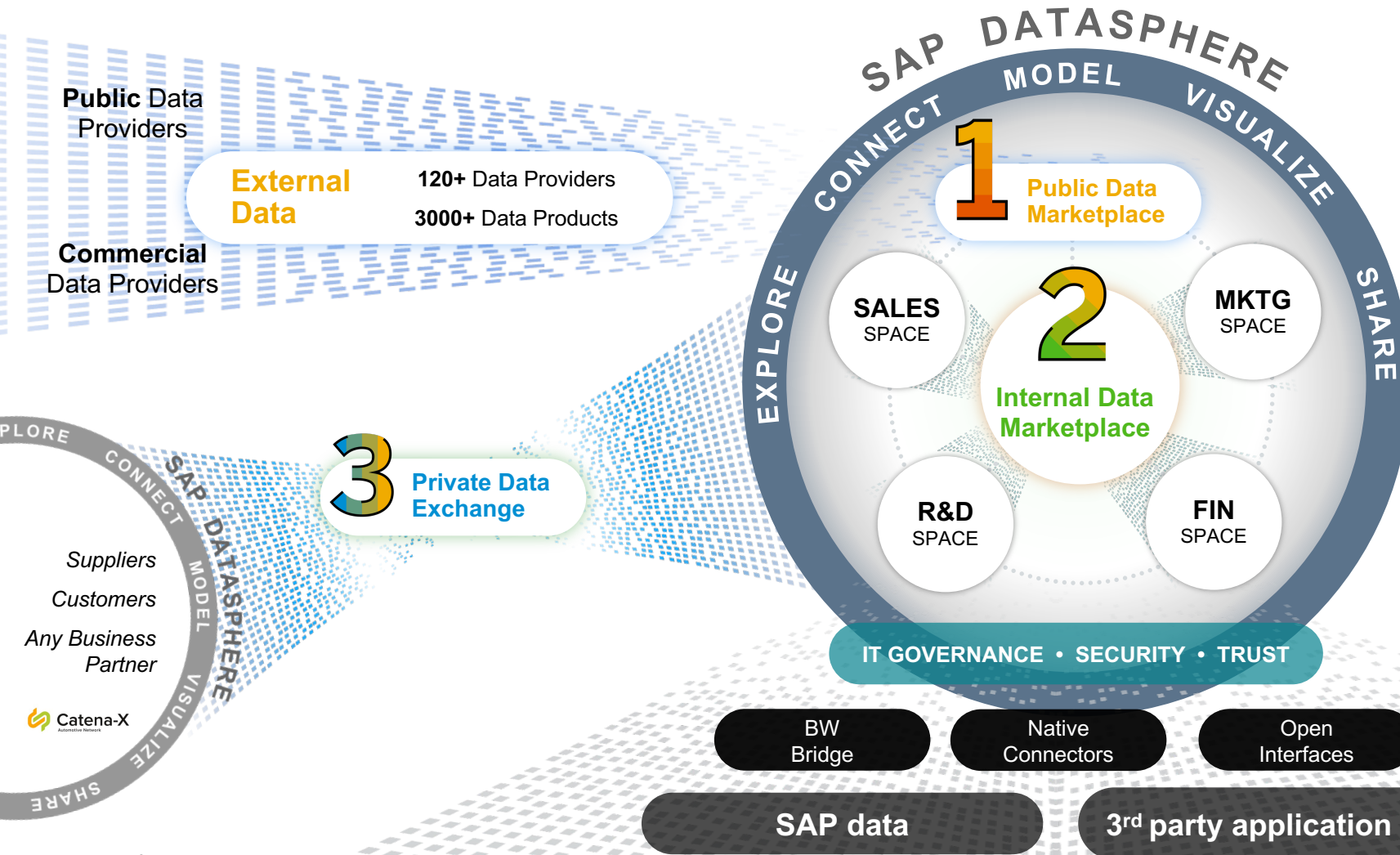
# Integrate. Open SQL Schema for Data Integration via SQL API

- Enabling external tools access to create artifacts and to write data to an Open SQL Schema of a Space
- Provide SQL endpoint to dedicated database schema
- Connect via an external data integration tool or SQL client
- Usage of SAP HANA SQL capability (DDL & DML)
  - Create views, tables
  - Define & execute stored procedures
  - Leverage Data Anonymization and Data Masking
  - Automated Predictive Library (APL) and Predictive Analysis Library (PAL), if enabled in Space
- Consume data models from your space in the Open SQL Schema
- Start SAP Database Explorer from Space Management



# Integrate. Data Marketplace

Access to external & internal data in clicks for better, faster & more scalable data collaboration



The Data Marketplace technology provides data sharing capabilities and processes to conduct the following use cases:

- 1 Public Data Marketplace**  
Discover & connect external data products for instant usage in your space for harmonization with other (internal) data artifacts.
- 2 Internal\* Data Marketplace**  
Productize internal data assets for more scalable self-service and more effective adoption.
- 3 Private Data Exchange**  
Exchange data with suppliers, customers and other business partners in private environment within or between tenants.

\* According to the [Roadmap](#)



# Innovation Journeys for SAP BW Customers

The background is a vibrant blue with abstract geometric patterns. It features several overlapping planes and a prominent 3D crystal-like structure on the right side, composed of multiple facets and sharp edges. The overall aesthetic is modern and technological.

# We recommend moving your SAP BW landscape in **three steps**

## SAP BW/4HANA

Safeguard investments by retaining mature and complex on-premises systems or move to the private cloud – in support of the “RISE with SAP” strategy.

## SAP Datasphere

Innovate with SAP’s strategic target solution for all data warehousing use cases, in line with our data-to-value portfolio strategy.



**1**

### Innovate with new use cases within SAP Datasphere

unique innovation with SAP Datasphere as the foundation for a Business Data Fabric architecture – driving agility, business empowerment, data warehousing, and accelerated time-to-value

**2**

### Gradually Move in Alignment with your SAP S/4HANA transformation

Leverage hybrid functionality to modernize the planning and analytics stack on top of SAP BW (IBP, Add-Ons, Applications...)

**3**

### Replace SAP BW

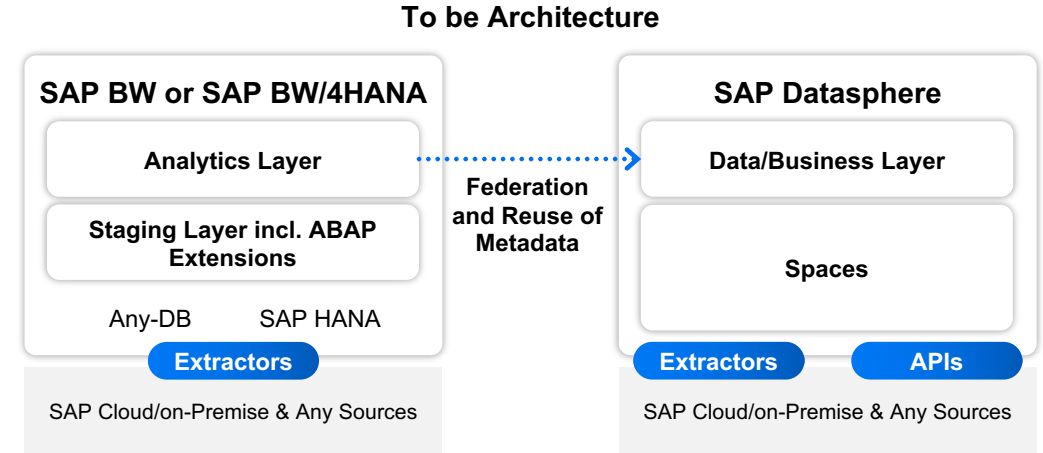
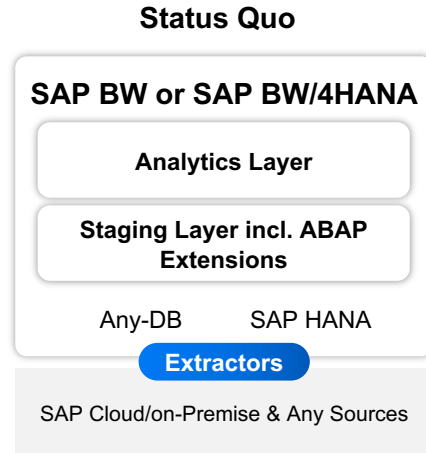
with an modernized Analytics stack on top of SAP Datasphere

# SAP Datasphere

## Modernize data landscape

### Hybrid.

Combining SAP BW or SAP BW/4HANA with SAP Datasphere

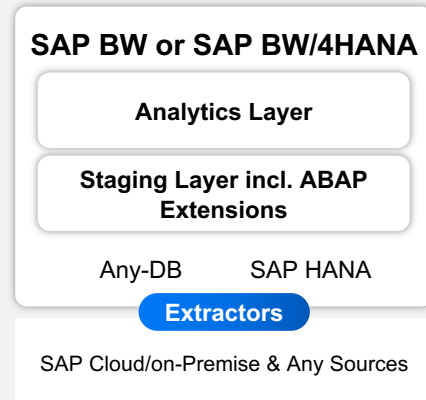


Switch/move from Hybrid to SAP Datasphere with SAP BW bridge

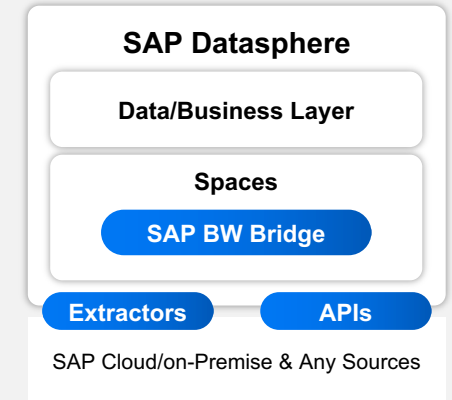


### SAP BW bridge.

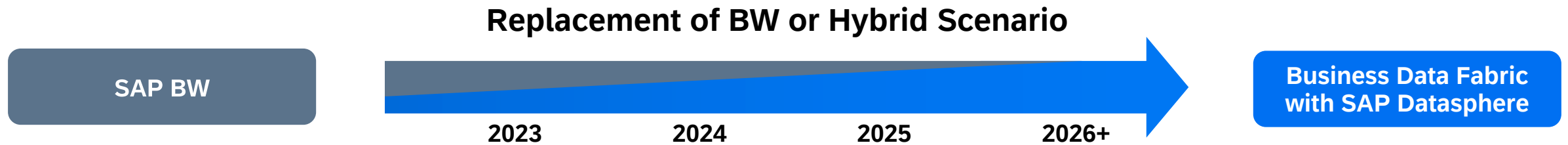
Replace parts of SAP BW or SAP BW/4HANA with SAP Datasphere



**Move**  
Tool-supported conversion including data



# Modernize BW with SAP BW bridge



## Partners & SAP can help with

Tool-supported migration    SAP RISE strategy full support    Free 90-day trial    System exploration tool    SAP partner network

**Today, SAP Datasphere covers calculated and restricted key figures, hierarchies, time dependencies, and many other features of the BW world**

### Upcoming features

Non-Cumulative key figures, exit variables, constant selection & complex hierarchies

Remote Table with Delta for heavy data loads from SAP BW bridge

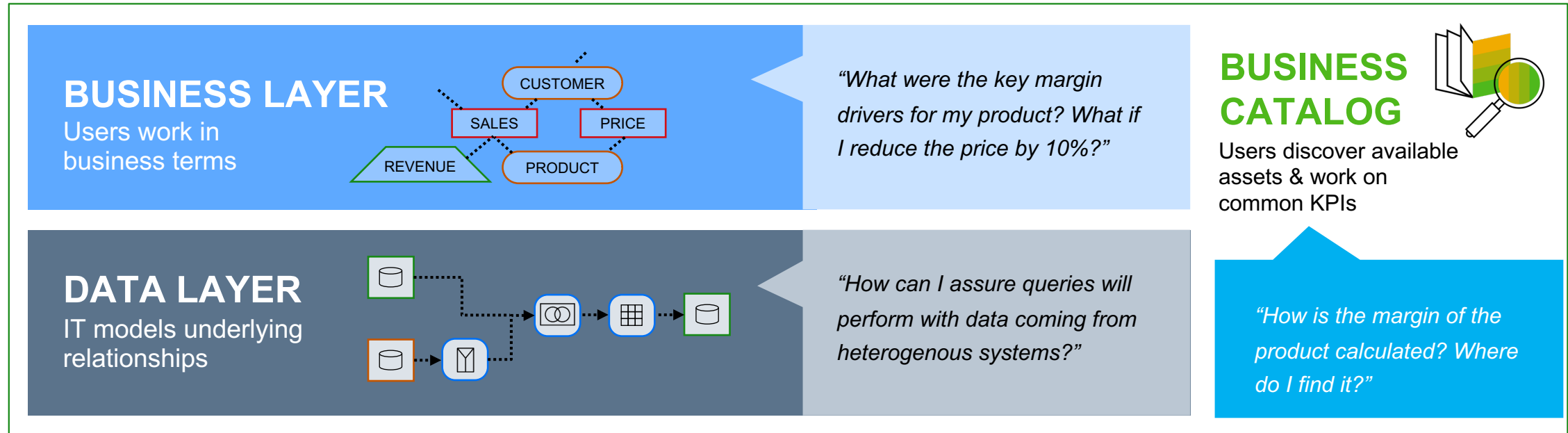
Unit Conversion support and expanded support of Input Variables from the status quo



The background is a vibrant blue with abstract geometric elements. A large, transparent, three-dimensional cube is positioned on the right side, tilted diagonally. Several flat, translucent blue planes intersect at various angles across the frame. At the bottom, there are wavy, layered patterns composed of fine, concentric lines, creating a sense of depth and movement.

# Empowering Business Users with Analytical Modeling

# Levels of modeling within SAP Datasphere

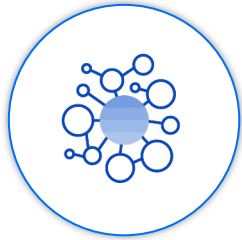


- Business entities and relationships with business language
- Model standardization and re-use for efficiency
- Independence for business users from IT



# SAP Datasphere **Analytic Model**

Multi-dimensional and semantically rich analytical modelling to answer business questions easier, faster and more efficiently



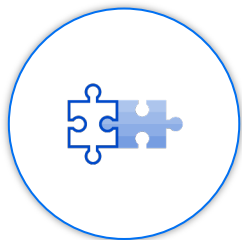
## Model

The Analytic Model allows **multi-dimensional and rich** analytical modelling with less effort to answer **business questions** easier, faster and more efficiently



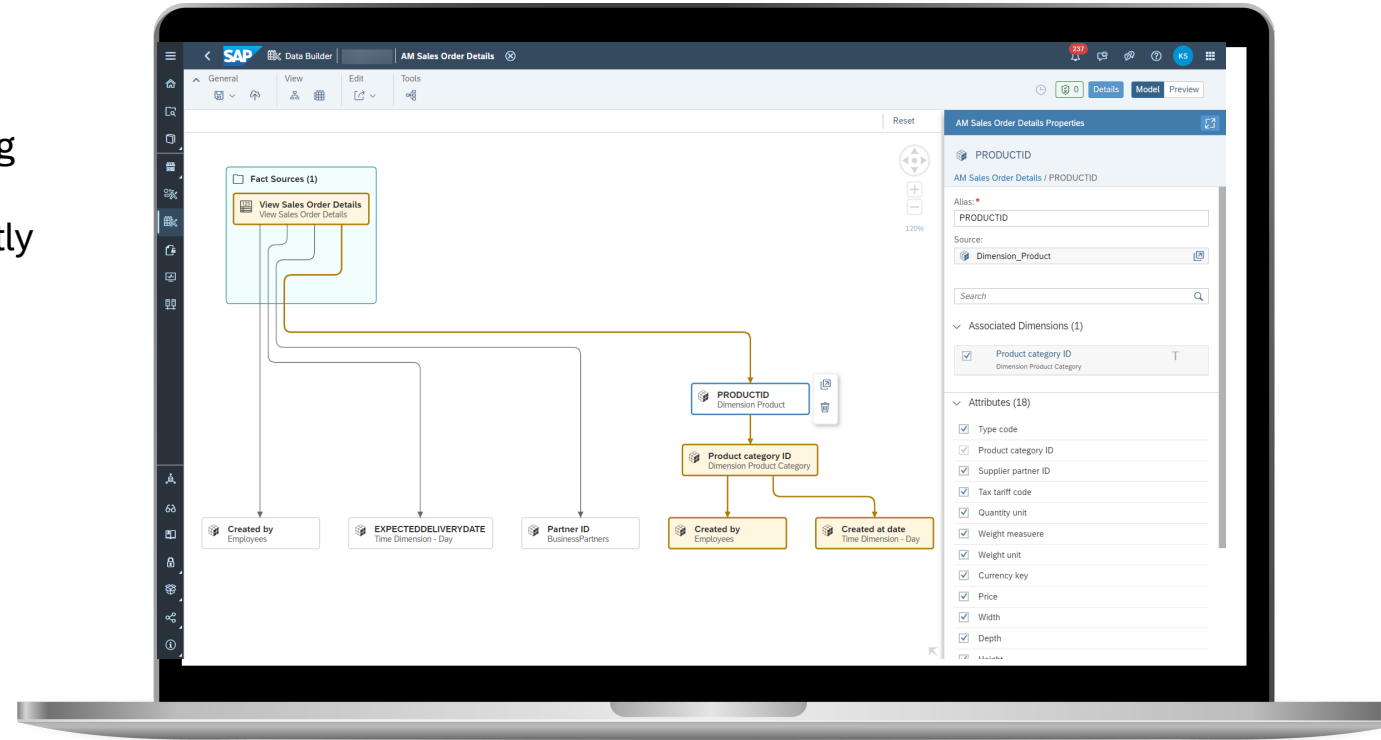
## Preview

The Analytic Model data offers an **analytical preview** incl. filtering, pivoting, hierarchies, etc. to analyze data directly in SAP Datasphere



## Full integration with SAC

The Analytic Model in SAP Datasphere is also **seamlessly integrated** with SAP Analytics Cloud to analyze data in a hassle-free manner.



# Modeling is for Everybody

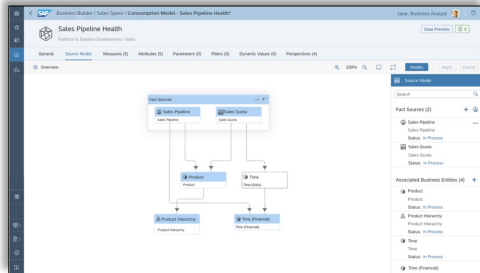
Business Analyst  
No Code / Low Code



Developer / Power User  
Pro Code

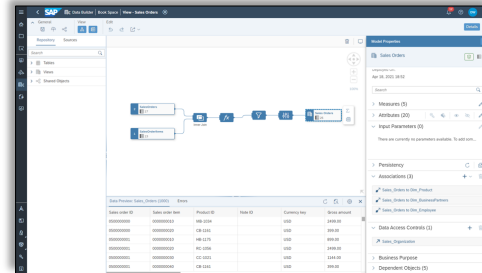
**BUILT-IN EDITORS**  
modeling for all users

## Business Modeling



- Allow for a greater degree of self-service
- Non-disruptive environment for business scenarios – independent from the data integration layer

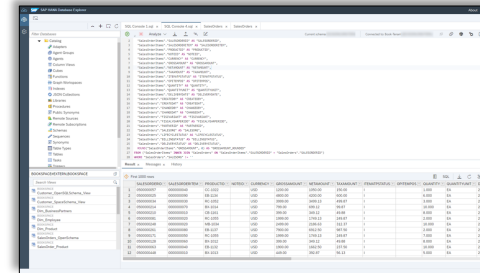
## Graphical & Scripted



- Collection of no code/low code editors to support Graphical Modeling
- Model E/R-models, Tables, Views, SQL & SQL-Script Views
- Focuses on most-used modeling operators

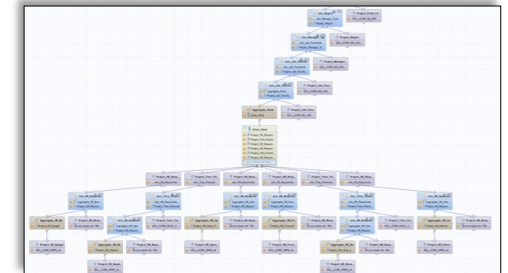
**EXTERNAL EDITORS**  
integrated SQL Data Warehousing

## Open SQL Schema



- Option to use SQL DDL & DML leveraging e.g. SQL Views, Tables, Procedures, etc.
- Leveraging existing SQL-tooling & skillset
- SAP Database Explorer

## SAP HANA Deployment Infrastructure

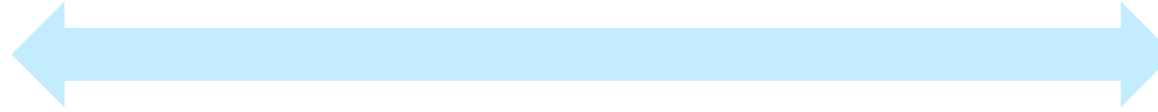


- SAP HANA Cloud Modeling capabilities leveraging Calculation View, Flowgraph, Synonym, etc.
- Simply re-use HANA based Modeling within SAP Datasphere

# SAP Datasphere. Create Analytic Models



Developer / Power User  
Pro Code



Business Analyst  
No Code / Low Code



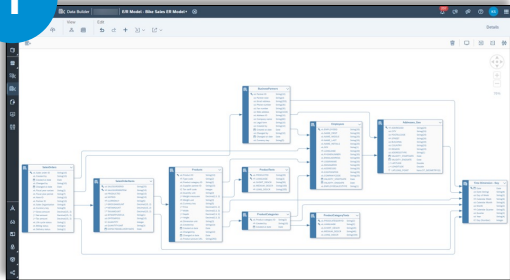
## Prepare Dimensions & Facts

## Build Your Analytic Model

## Preview the Data

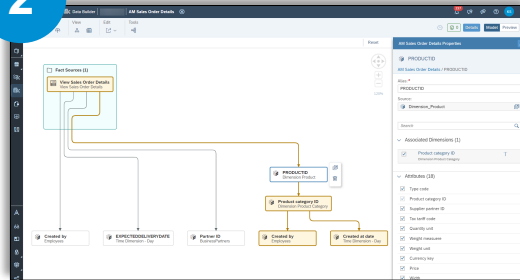
## Create your Story

1



- Create and define your dimension and fact tables or views
- Associate them with other dimensions, text and/or hierarchy models (nested dimensions are supported)
- Enrich semantic type information
- Expose them for consumption

2



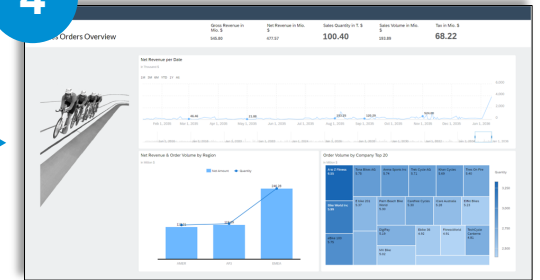
- Select your fact model including relevant attributes, measures and associated dimensions
- Define further drill down paths using nested dimensions
- Add calculated & restricted measures
- Use exception aggregations, variables, time-dependency and hierarchies where needed

3

Product category ID	Quantity	Price
1	100	100.00
2	200	200.00
3	300	300.00
4	400	400.00
5	500	500.00
6	600	600.00
7	700	700.00
8	800	800.00
9	900	900.00
10	1000	1000.00

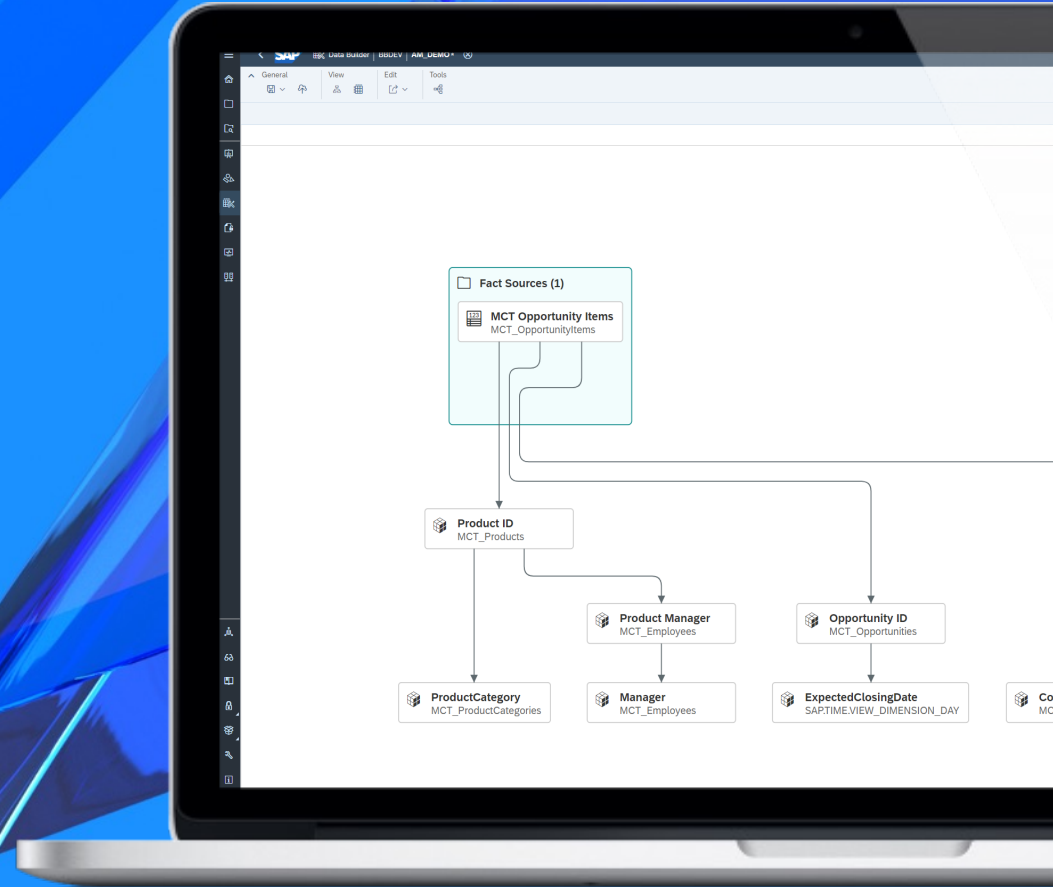
- Use preview to confirm correctness of the analytic model
- Apply filters, sorting, hierarchies, totals display and other features

4



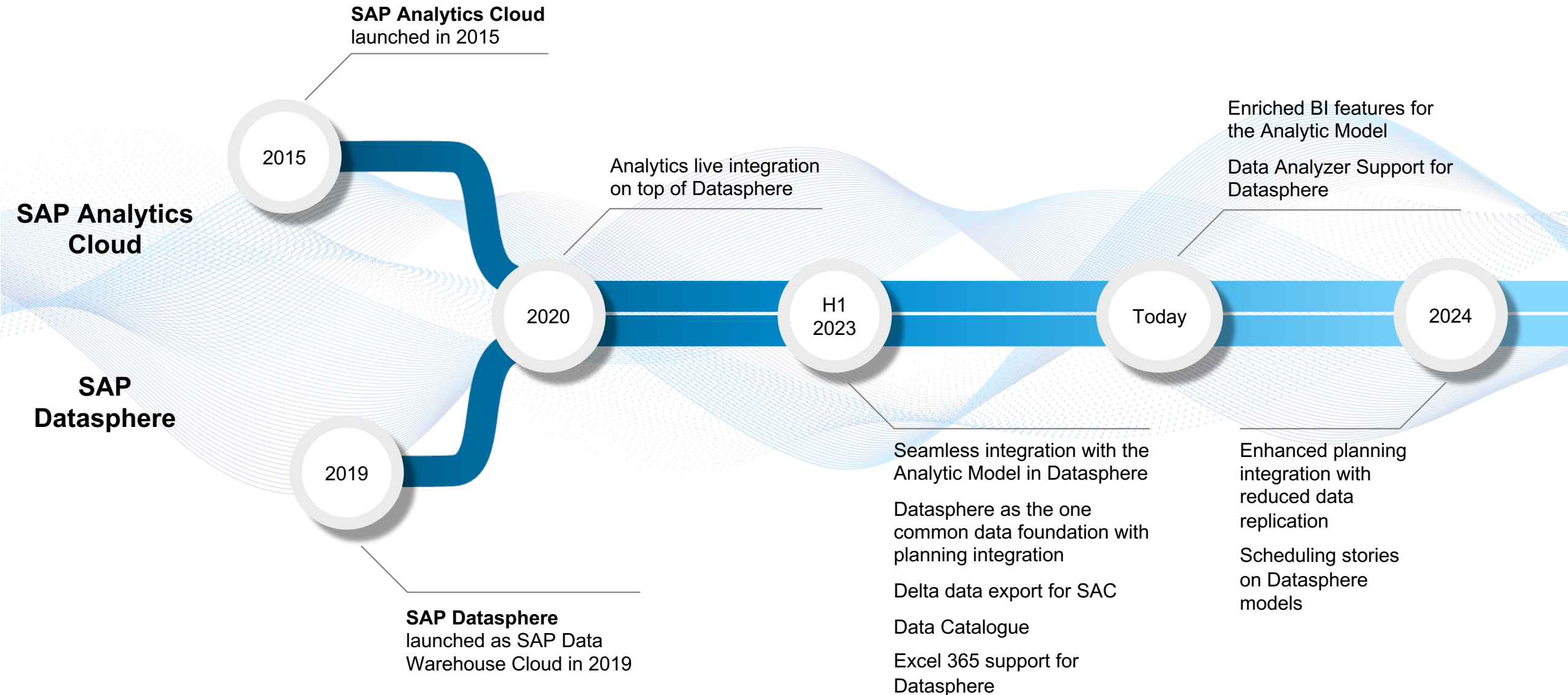
- Create a story in SAP Analytics Cloud based on the analytical view or
- Build new data models on top to integrate different data sources or associate master data views

# Demo





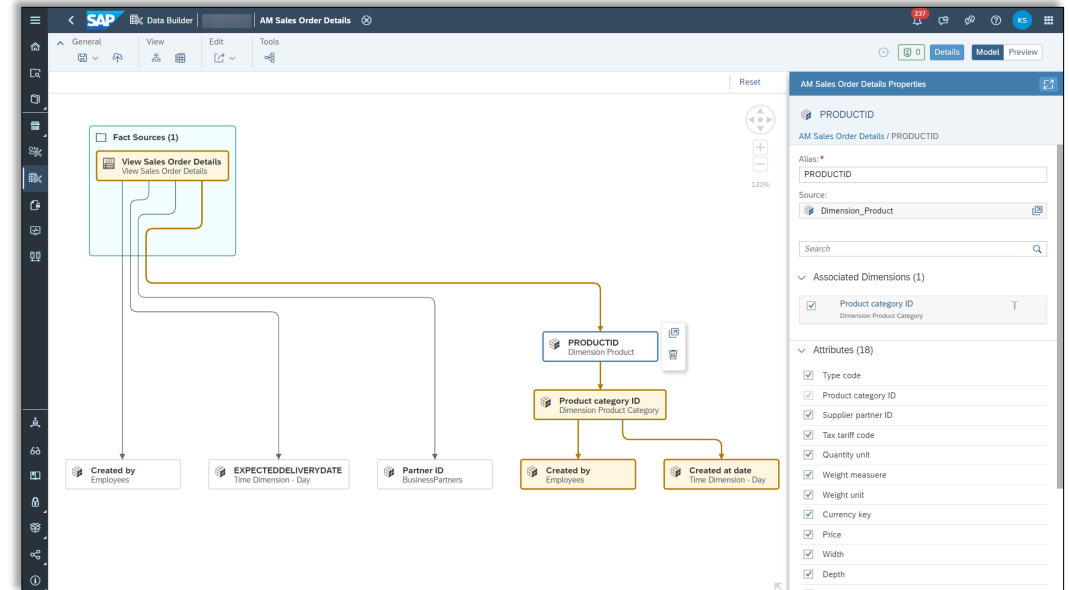
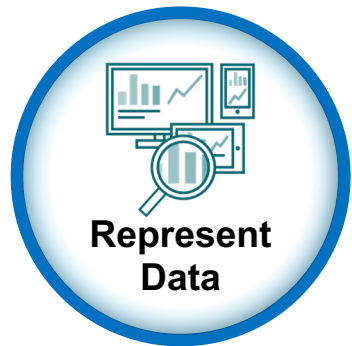
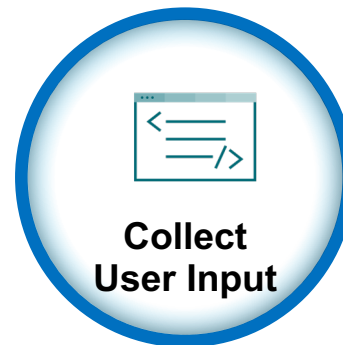
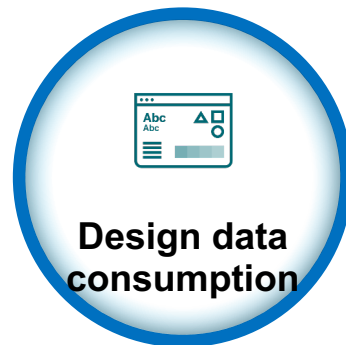
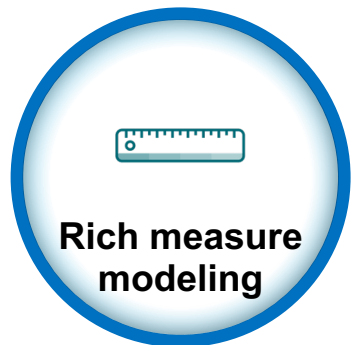
# SAP Analytics Cloud and SAP Datasphere integration journey.





# The Analytic Model becomes **the analytical consumption artefact** for all channels

allowing multi-dimensional and semantically rich analytical modelling to answer business questions easier, faster and more efficiently



# Space Management

The background is a vibrant blue with abstract geometric elements. A large, 3D, transparent blue cube is positioned on the right side, tilted at an angle. Several diagonal lines and planes in different shades of blue intersect across the frame. At the bottom, there are wavy, layered patterns resembling topographical lines or digital data flows.

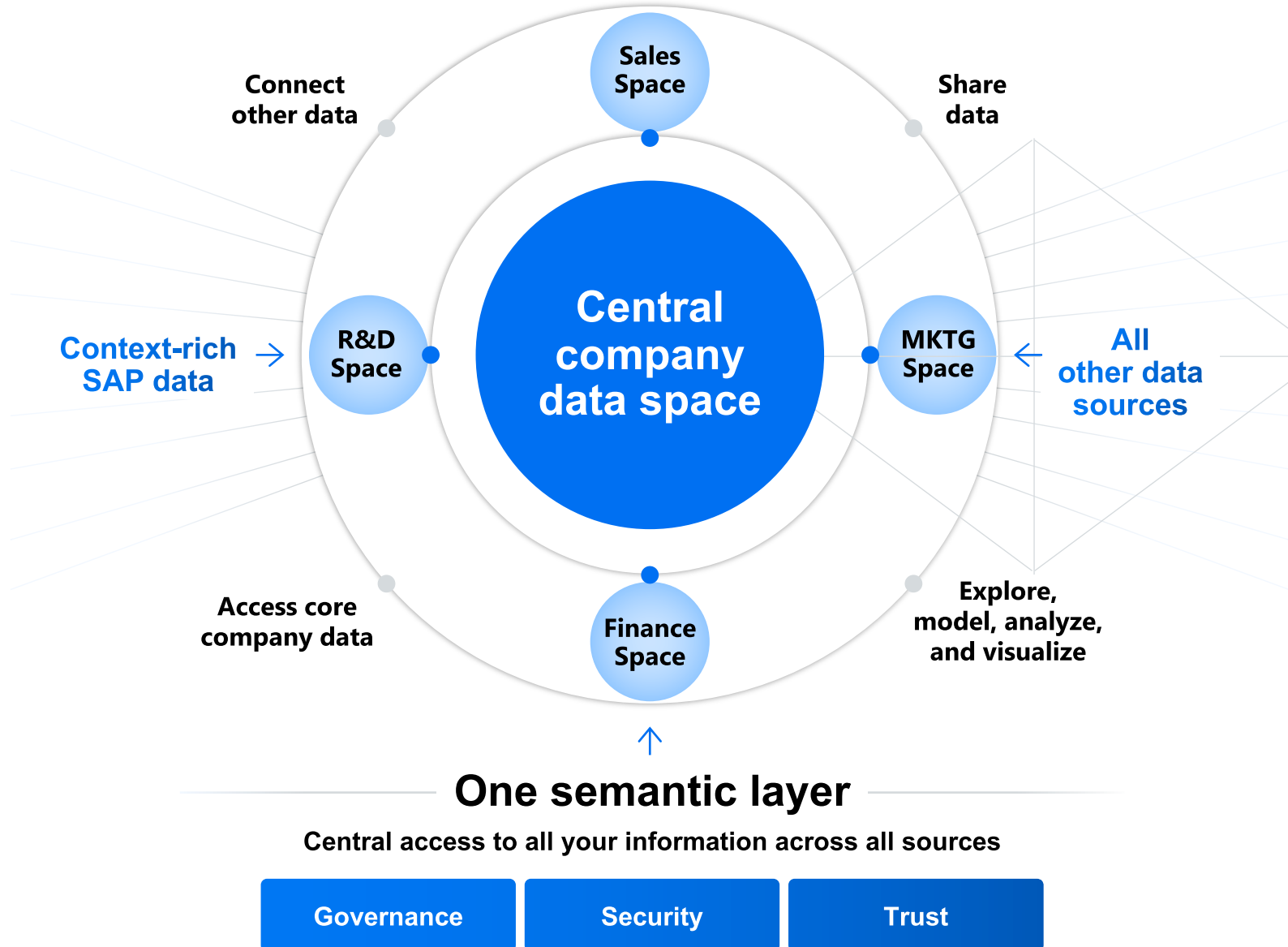
# Simplify the data landscape

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




# It all starts with a **Space** in SAP Datasphere

## What is a Space?

A space is a secure area created by an Administrator, in which members can acquire, prepare, and model data.

**MY\_WONDERFUL\_SPACE** ☐

My Wonderful Space

 **Healthy**

Deployed on Feb 23, 2023 02:23




Storage:  

2.5 GB of 5 GB

Memory:  

1.5 GB of 2 GB

SAP Datasphere

 72  9  143

Edit



**Resources** (Storage & RAM)

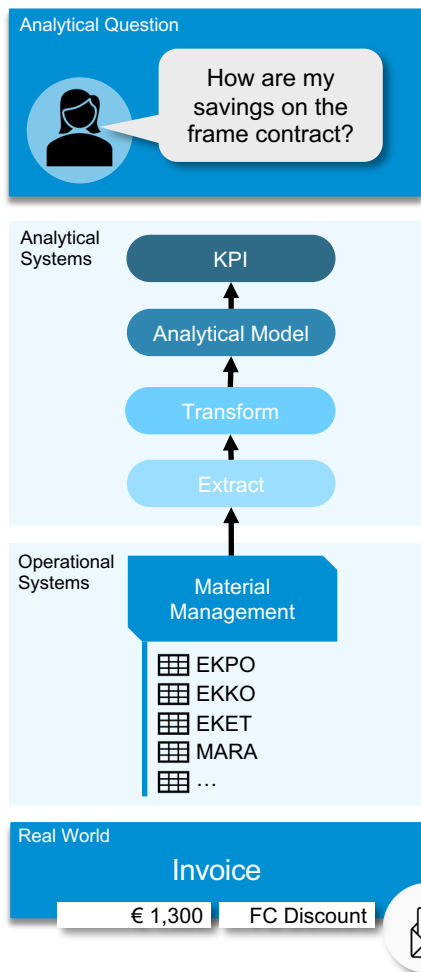
**Users** (Only Members get access)

**Connections** (SAP & non-SAP Systems)

**Models** (Tables, Views, Data Flows, ...)

**Sharing** (Tables & Views)

# SAP Datasphere. Business Content Overview

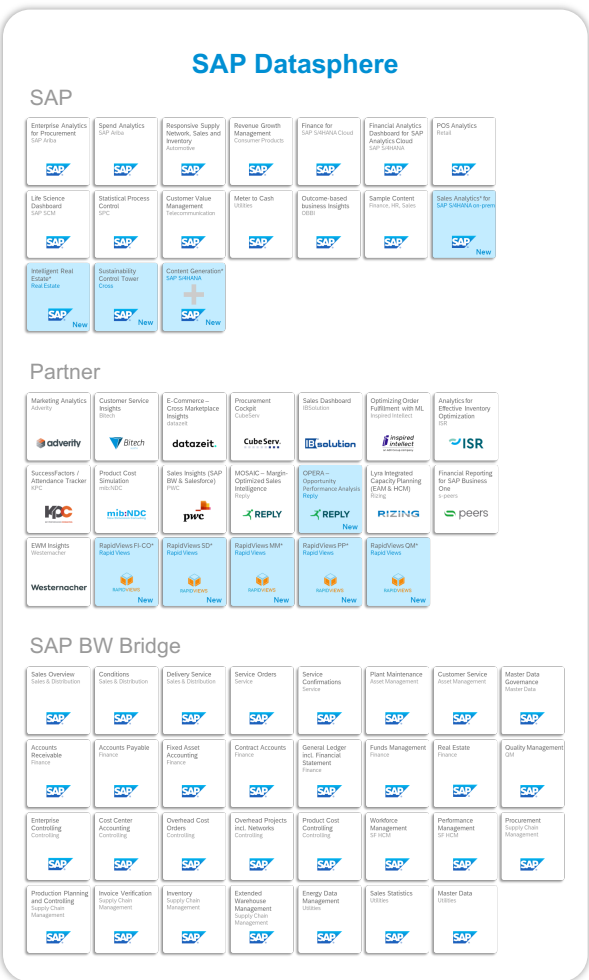


## Business Content Collection

Leverage SAP's business expertise and knowledge from our ecosystem of partners with pre-built data models, semantic views of SAP application data, and transformation logic.


Continuously growing number of content packages

- 250+ Content packages built by SAP & Partners for SAP Analytics Cloud and SAP Datasphere
- 31 Content Packages with SAP BW Bridge (11,000+ reusable objects)
- SAP S/4HANA Content Generation (1,000+ Fiori apps ready for import)





# SAP Datasphere. SAP Road Map Explorer



Road Map Explorer

ProductsProcessesIndustries

SAP

Road Maps

SAP Road Maps support the journey to SAP's future Enterprise. Explore our road maps, webinars, and more.

Search SAP Road Maps by keywords, topics, products, and industries.

Check the latest information on the SAP ROAD MAP EXPLORER

SAP

Road Map Explorer

ProductsProcessesIndustriesMy Road MapsDisclaimer

SAP Data

143 Road Map Items

ProductsIndustriesFocus Topics

Q4 2021 - Q4 2023

Save

Q4 2021 13 Road Map Items	Q1 2022 14 Road Map Items	Q2 2022 18 Road Map Items	Q3 2022 9 Road Map Items	Q4 2022 7 Road Map Items	Q1 2023 CURRENT 40 Road Map Items	Q2 2023 12 Road Map Items	Q3 2023 18 Road Map Items	Q4 2023 11 Road Map Items
<div>Business Modeling</div> <div>Ability to handle text associations in business entities</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Administration and Service Management</div> <div>Flexible tenant configuration – self-service provisioning</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Administration and Service Management</div> <div>Automatic mass deployment of modeling objects after the analytic...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Administration and Service Management</div> <div>Resource monitoring – key figures on a dashboard</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Administration and Service Management</div> <div>Health monitoring in a cloud landscape</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Administration and Service Management</div> <div>Elasticity and scalability with flexible tenant configuration</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>ABAP package assignment to modeling objects in SAP Business Warehouse...</div> <div>SAP Data Warehouse Cloud</div>	<div>Administration and Service Management</div> <div>Elasticity and workload – financial governance of elastic read nodes</div> <div>SAP Data Warehouse Cloud</div>	<div>Administration and Service Management</div> <div>Central Notification Center</div> <div>SAP Data Warehouse Cloud</div>
<div>Business Warehouse Bridge</div> <div>SAP BW bridge</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>S/4HANA content generation: Importing meta data from S/4 HANA...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Administration and Service Management</div> <div>Flexible tenant configuration – self-service to increase the size of a...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Warehouse Bridge</div> <div>Updated usability of the import wizard</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Product experience survey</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Flexible tenant configuration – self-service for scale-down</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Automatic restart of data transfer processes and process chain...</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Elasticity and workload – support configuration of elastic read nodes</div> <div>SAP Data Warehouse Cloud</div>	<div>Administration and Service Management</div> <div>Unified home; focus on priority action items and next to need-to...</div> <div>SAP Data Warehouse Cloud</div>
<div>Data Center Availability</div> <div>Data center availability in the European region on Azure</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Warehouse Bridge</div> <div>Replication of data sources (ODP)</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Calculated measures and exceptional aggregation of measures</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Center Availability</div> <div>SAP BW bridge: availability on all remaining Amazon Web Service...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Ability to replace a zero value with an entry of "null"</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Flexible tenant configuration: self-service for scale-down</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Data extraction: use of operational data provisioning through HTTP</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Data tiering optimization and cold storage</div> <div>SAP Data Warehouse Cloud</div>	<div>Data Cataloging</div> <div>Cross-application lineage for reporting, modeling, databases, an...</div> <div>SAP Data Warehouse Cloud</div>
<div>Data Integration</div> <div>Data flow connection to (S/FTP-based) remote function call</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Warehouse Bridge</div> <div>Shell conversion (metadata transfer) for SAP BW bridge</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Warehouse Bridge</div> <div>Creation of business entity hierarchies (Controlled availability)</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>SAP ABAP services – support for standard remote function call (RF...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Deletion of overlapping requests as a process chain variant</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Analytic Model</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Explorer to show ABAP package hierarchy with BW objects</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Handling and reuse of hierarchies in SAP BW bridge</div> <div>SAP Data Warehouse Cloud</div>	<div>Data Cataloging</div> <div>External API for one data catalog (ODC)</div> <div>SAP Data Warehouse Cloud</div>
<div>Data Integration</div> <div>Loading of the Microsoft Excel format in the data flow</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>Connection to SAP HANA using a cloud connector</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Warehouse Bridge</div> <div>ABAP variants in process chains</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Modeling</div> <div>Mass deployment</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>Improvements to the Web cockpit and BW modeling tools: display of...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Enabling a business layer for import-export and business content delivery</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Model transfer between SAP BW bridge and SAP BW4HANA – new...</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Overview of migrated queries and the option to delete from SAP BW...</div> <div>SAP Data Warehouse Cloud</div>	<div>Data Cataloging</div> <div>Harvesting metadata from additional sources: synchronous replication...</div> <div>SAP Data Warehouse Cloud</div>
<div>Data Integration</div> <div>Model transfer functionality support for BW analytic queries</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>OData authentication: OAuth2.0 support</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Warehouse Bridge</div> <div>Enablement of data transfer for remote conversion to SAP BW...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Modeling</div> <div>Support of compound keys</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>Improvements to the Web cockpit and BW modeling tools: display of...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Support of value help for input parameters</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Write interface-enabled InfoObjects (IOBJs)</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Resolving the composite provider during model import</div> <div>SAP Data Warehouse Cloud</div>	<div>Data Cataloging</div> <div>Workflow Management</div> <div>SAP Data Warehouse Cloud</div>
<div>Data Integration</div> <div>Remote tables – filtering</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>Remote tables – projection</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Warehouse Bridge</div> <div>Mass activation of inactive objects in modeling tools for the SAP BW...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Provisioning</div> <div>Support of compound keys</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>Improvements to the Web cockpit and BW modeling tools: display of...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Ability to add BW process information to SAP BW4HANA – new...</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Data center availability in North America through Google Cloud...</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Use SAP Data Warehouse Cloud data as source for SAP BW bridge</div> <div>SAP Data Warehouse Cloud</div>	<div>Data Cataloging</div> <div>Data center availability in the Asia-Pacific region through Google Co...</div> <div>SAP Data Warehouse Cloud</div>
<div>Data Integration</div> <div>Scheduling and monitoring options</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Modeling</div> <div>Advanced change management capabilities</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>Remote table editor: refresh option for connections based on smart da...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Provisioning</div> <div>Public OData API – general release</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>Data preview – new preview used in the view builder</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>Automatic restart of the data transfer process</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>SAP BW bridge: data-center availability in the U.S. and Europe...</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Data profiling for SAP HANA</div> <div>SAP Data Warehouse Cloud</div>	<div>Data Cataloging</div> <div>Data center availability in the European region through Google...</div> <div>SAP Data Warehouse Cloud</div>
<div>Data Integration</div> <div>View persistency – partitioned execution</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Modeling</div> <div>Change management – input parameters</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Integration</div> <div>SAP BW4HANA: model transfer and currency conversion support</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Provisioning</div> <div>Support for optimized view and design mode</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Data Preparation</div> <div>Data lineage: connections, tables and views, data flows and business-lay...</div> <div>SAP Data Warehouse Cloud 1.0</div>	<div>Business Modeling</div> <div>BW queries to SAP Data Warehouse Cloud</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Data sharing cockpit – live access for cross-tenant loads</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Extending extraction of column and attribute details</div> <div>SAP Data Warehouse Cloud</div>	<div>Data Modeling</div> <div>Multilingual content support</div> <div>SAP Data Warehouse Cloud</div>
			<div>Data Provisioning</div> <div>Support of the chorepleth layer in SAP Analytics Cloud for a live...</div> <div>SAP Data Warehouse Cloud 1.0</div>		<div>Business Modeling</div> <div>Data anonymization – SAP BW bridge</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Public data marketplace – Open SQL and OData access through...</div> <div>SAP Data Warehouse Cloud</div>	<div>Business Warehouse Bridge</div> <div>Metadata extraction for SAP HANA</div> <div>SAP Data Warehouse Cloud</div>	

Public Roadmap

Legal Disclaimer: The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. This document is provided without a warranty of any kind. Read more

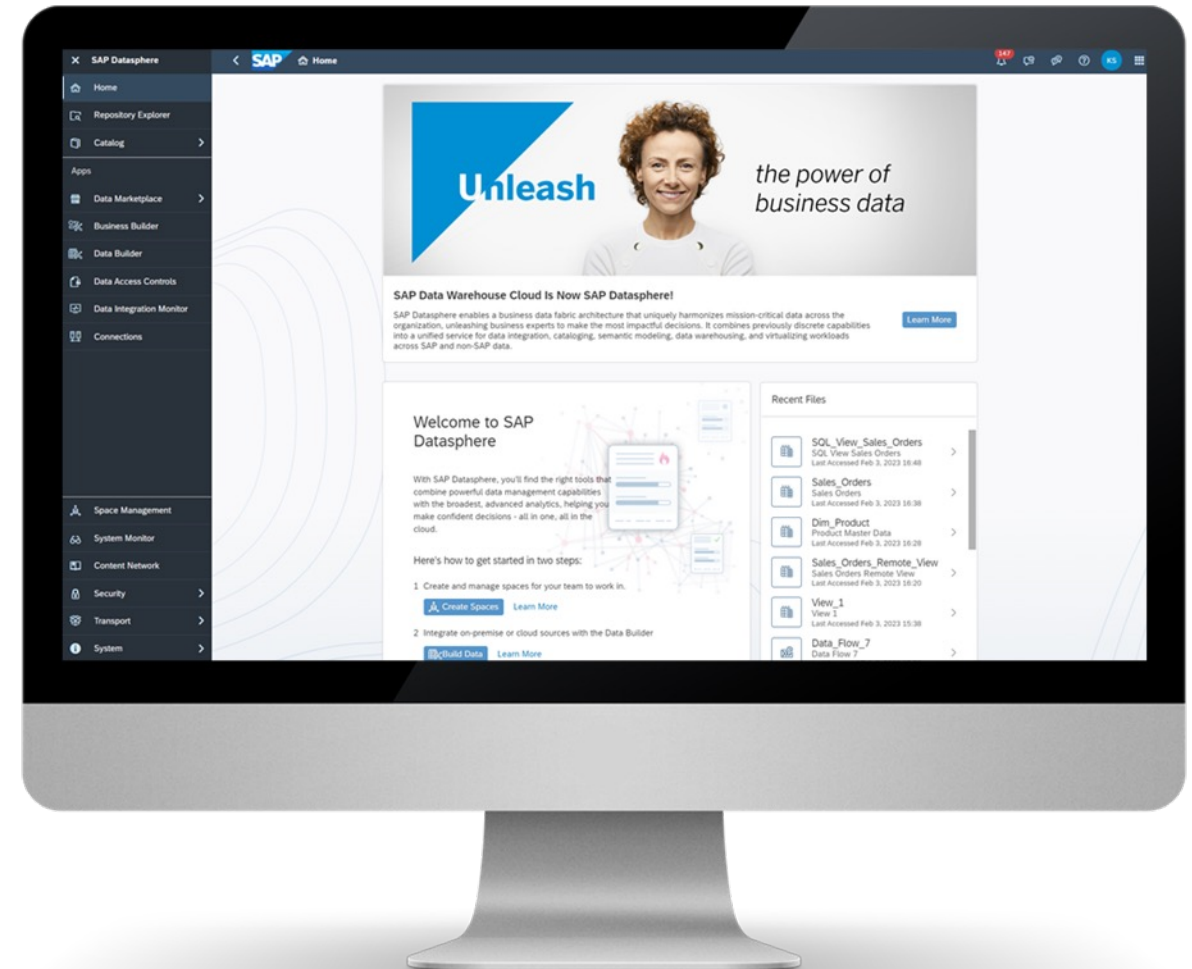


# Start your data and analytics journey with SAP Datasphere

[Take a tour with the Guided Experience](#)

[Learn more on SAP.com](#)

[Join the conversation in the SAP Community](#)



# Your Feedbacks are Valuable!!

