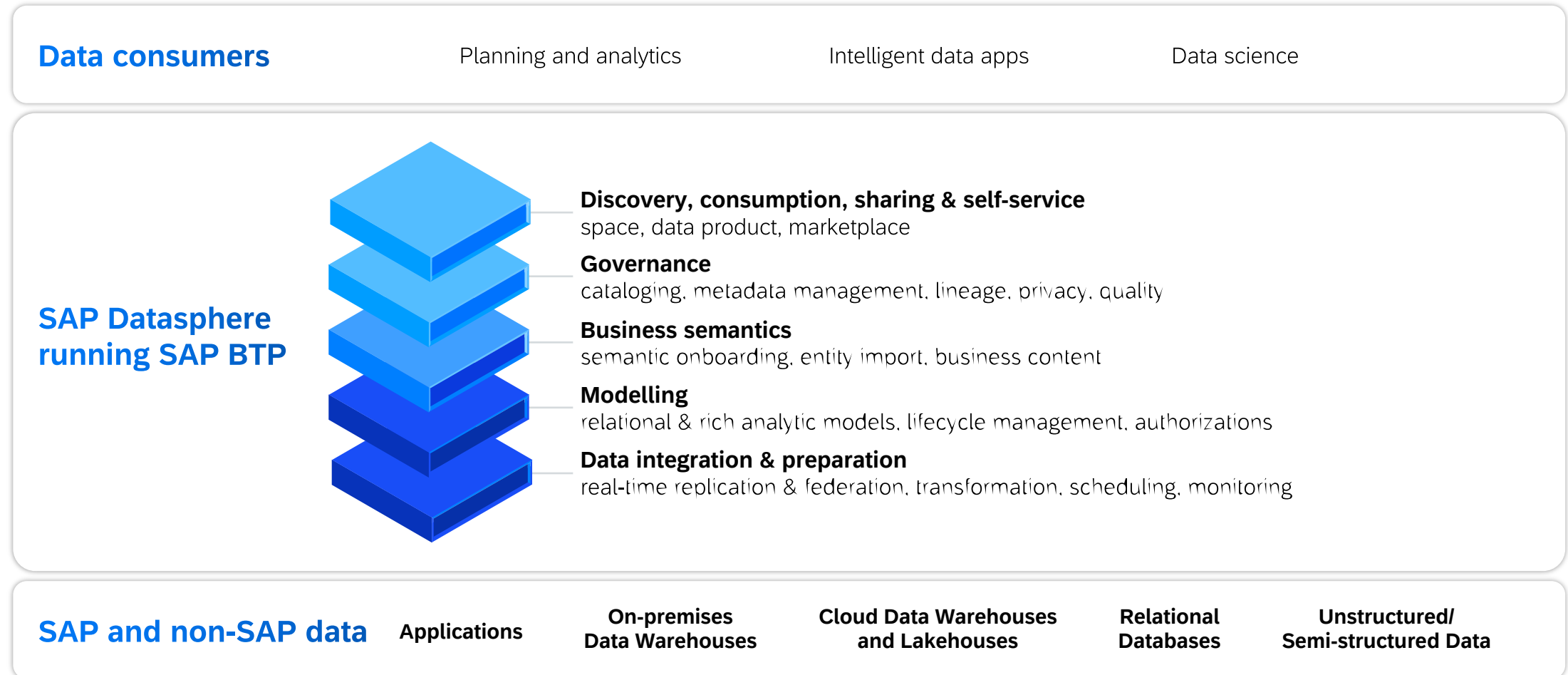


SAP BTP Innovation Day

Turn Data Chaos into Data Value with SAP Datasphere

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.

SAP Datasphere provides capabilities for a complete **Business Data Fabric architecture**

Analytics & Planning

Powerful end-to-end analytics & planning integration with SAP Analytics Cloud & Microsoft Office

Discovery, consumption, sharing & self-service

space, data product,
marketplace

Governance

cataloging, metadata
management, lineage,
privacy, quality

Business semantics

semantic onboarding,
entity import, business
content

Modeling

relational & rich analytic
models, lifecycle
management,
authorizations

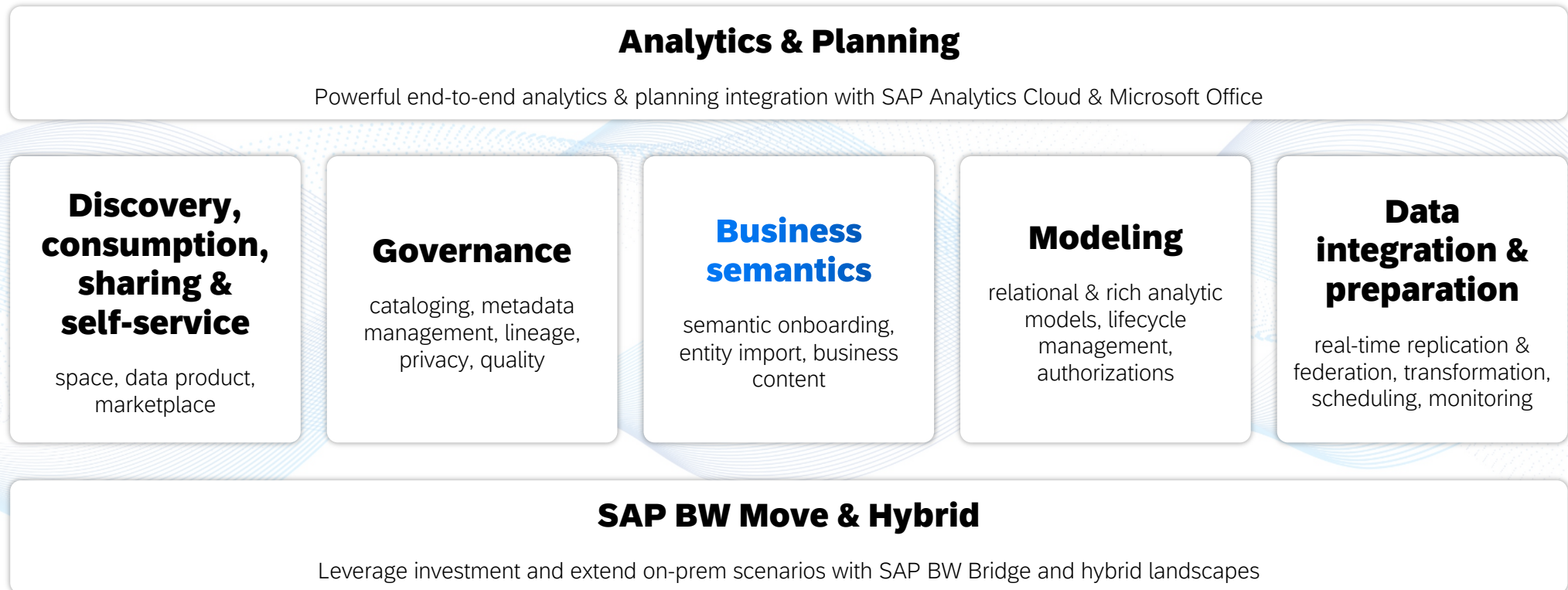
Data integration & preparation

real-time replication &
federation, transformation,
scheduling, monitoring

SAP BW Move & Hybrid

Leverage investment and extend on-prem scenarios with SAP BW Bridge and hybrid landscapes

SAP Datasphere provides capabilities for a complete **Business Data Fabric architecture**



Unified entry point for semantically rich model generation & import into **SAP Datasphere**

Semantic Onboarding

Bringing together all features & processes that allow SAP customers to make semantics available at ease & scale



Import Entities

Harmonize existing metadata import options from SAP S/4HANA Cloud, SAP S/4HANA, SAP BW, SAP BW/4HANA



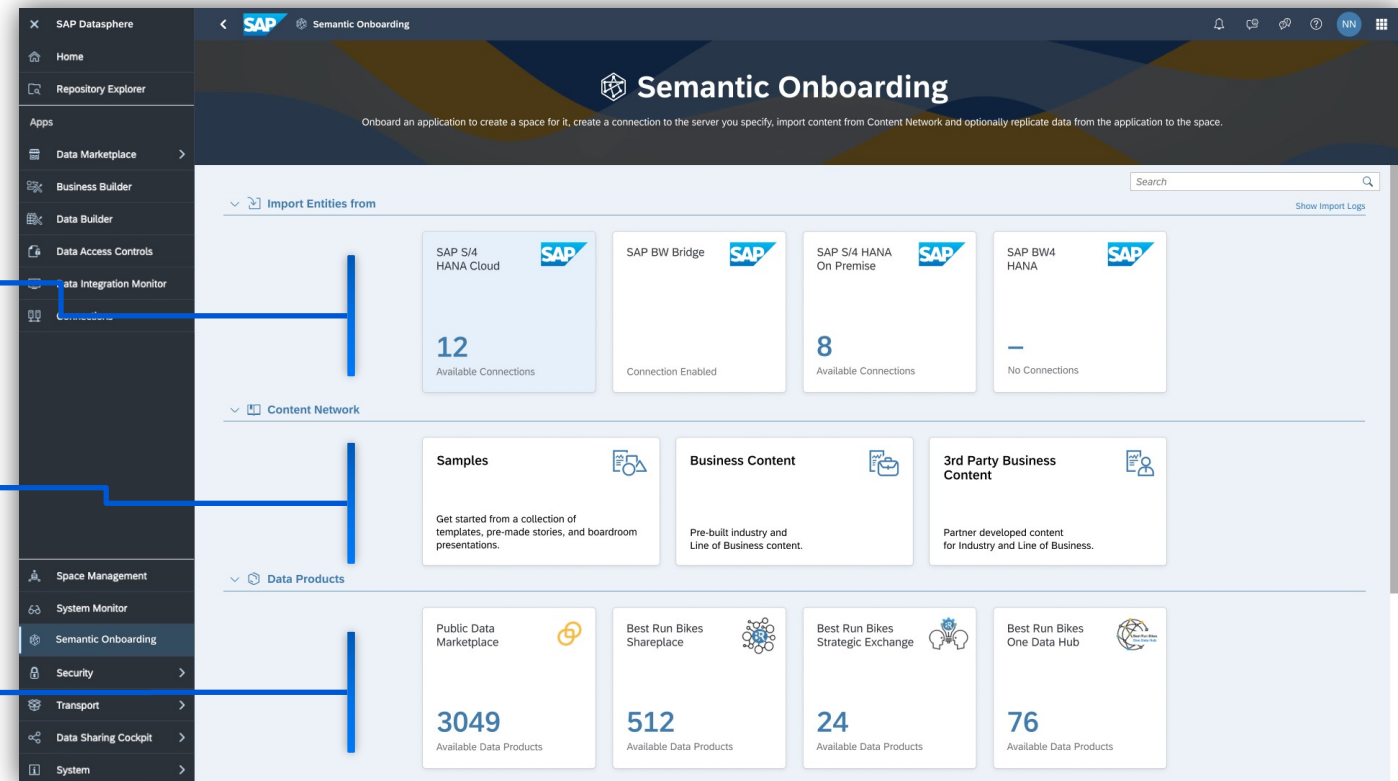
Content Network

Harmonize existing metadata import options from SAP S/4HANA Cloud, SAP S/4HANA, SAP BW, SAP BW/4HANA



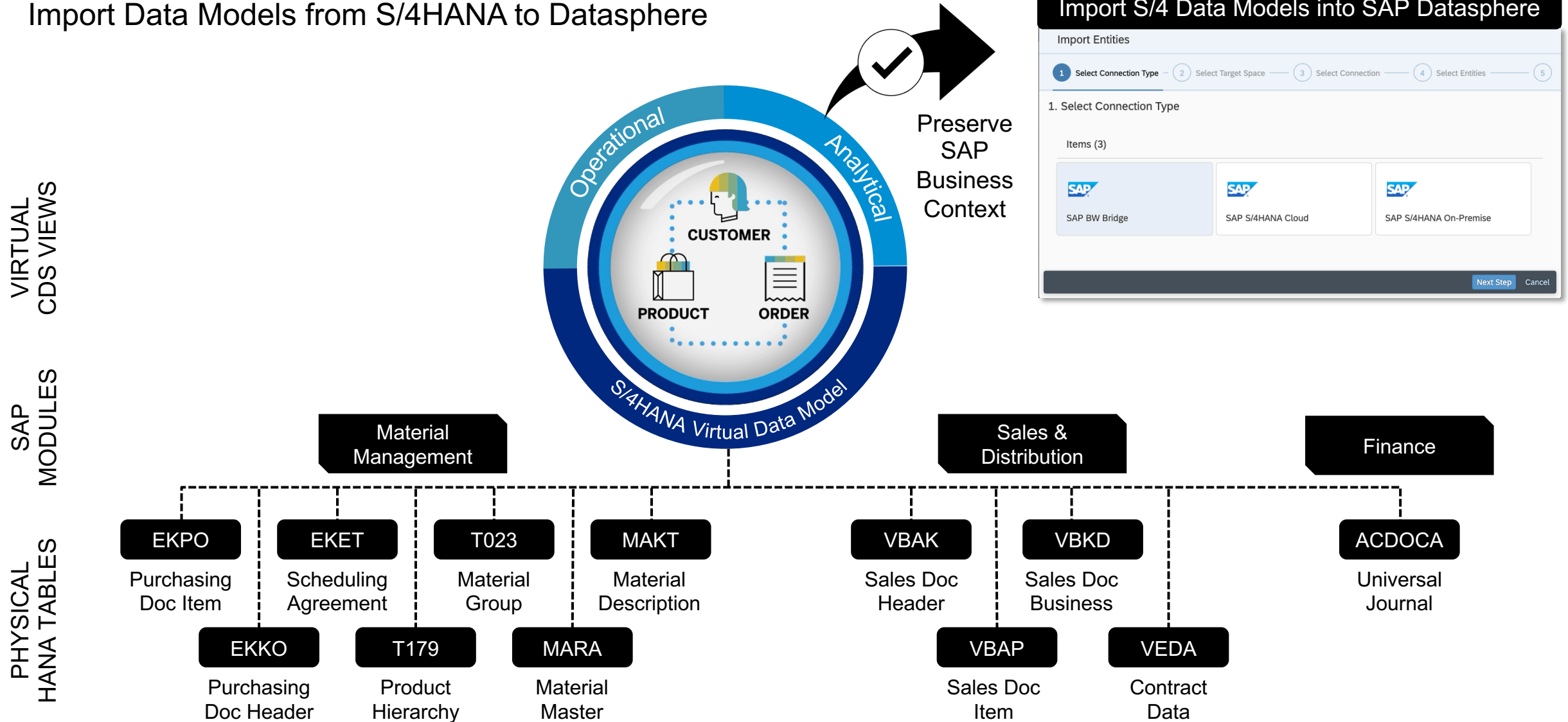
Data Products

Access customer and partner managed data products to democratize SAP data within SAP Datasphere & beyond via API

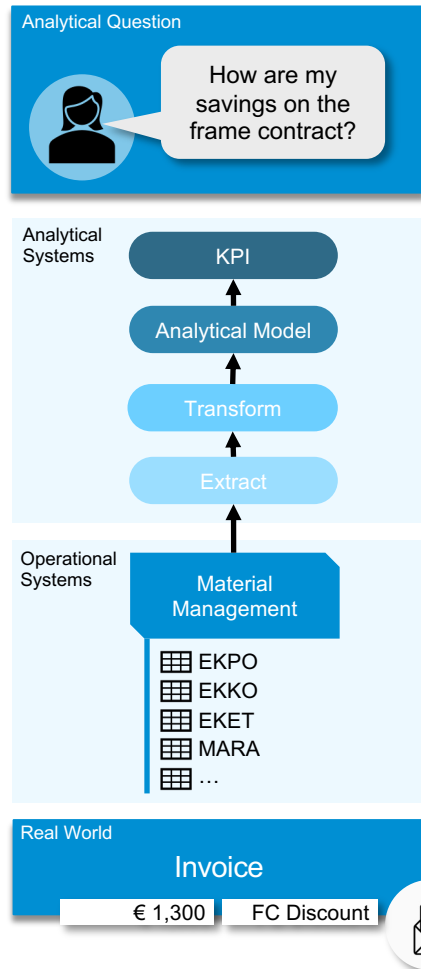


Preserve Business Context

Import Data Models from S/4HANA to Datasphere



SAP Datasphere. Business Content Overview

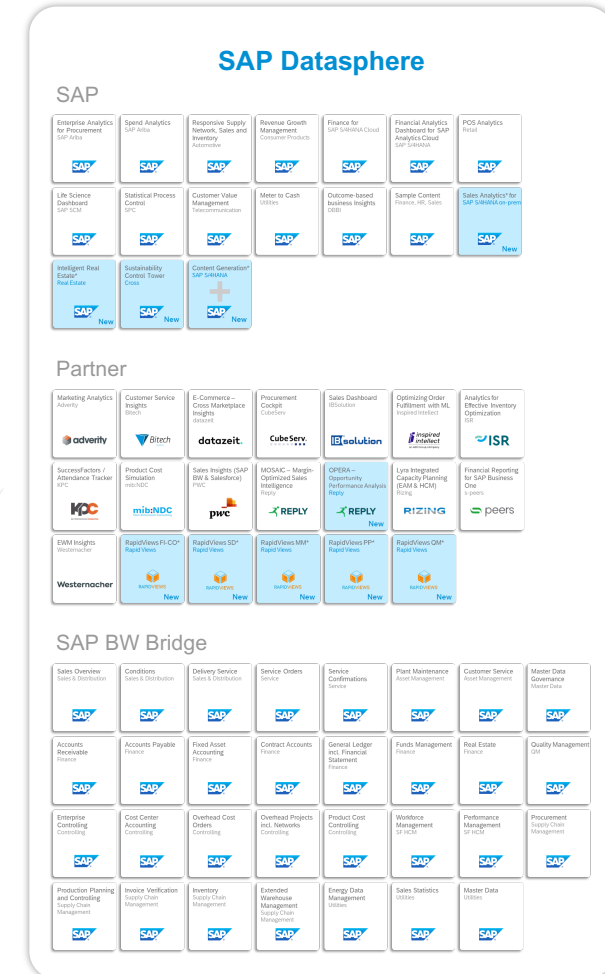


Business Content Collection

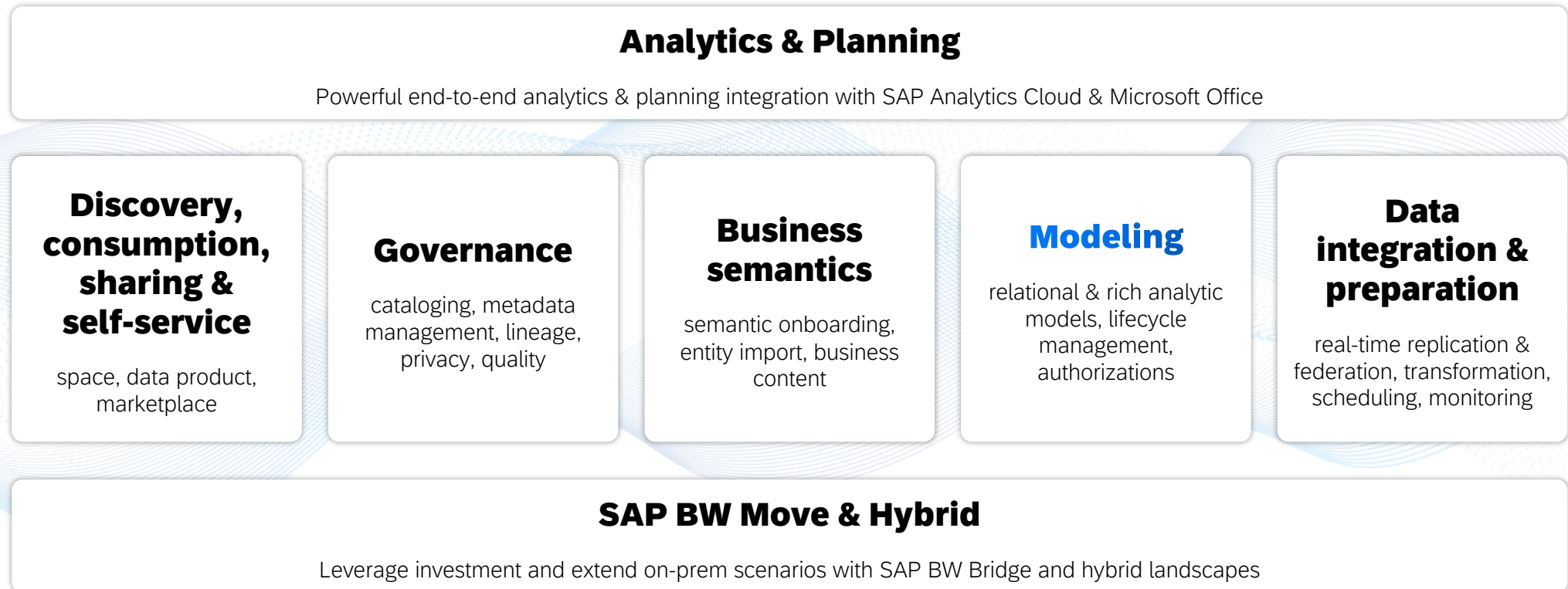
Leverage SAP's business expertise and knowledge from our ecosystem of partners with pre-built data models, semantic views of SAP application data, and transformation logic.

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)

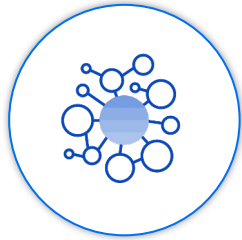


SAP Datasphere provides capabilities for a complete **Business Data Fabric architecture**



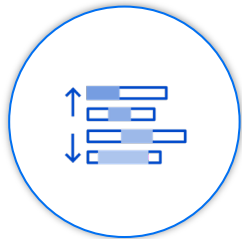
SAP Datasphere **Analytic Model**

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



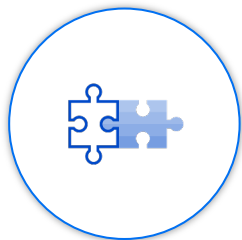
Model

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



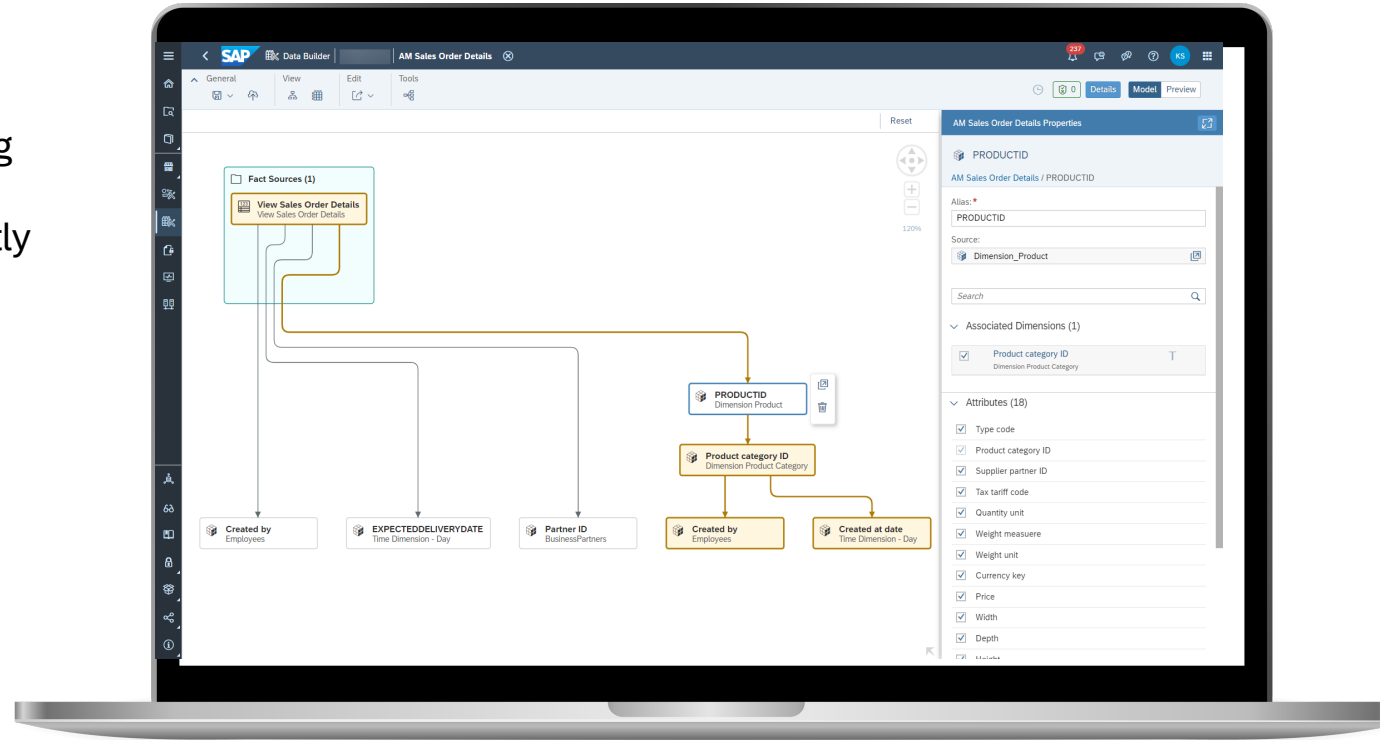
Preview

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

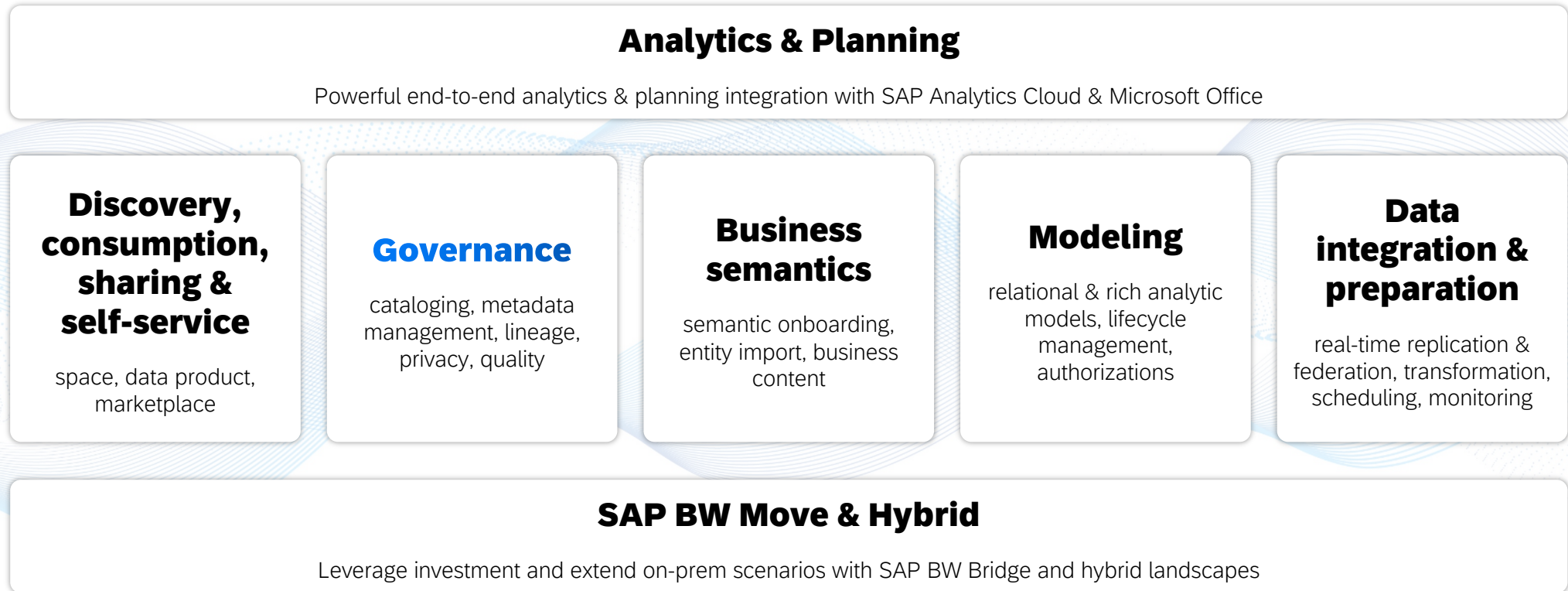


Full integration with SAC

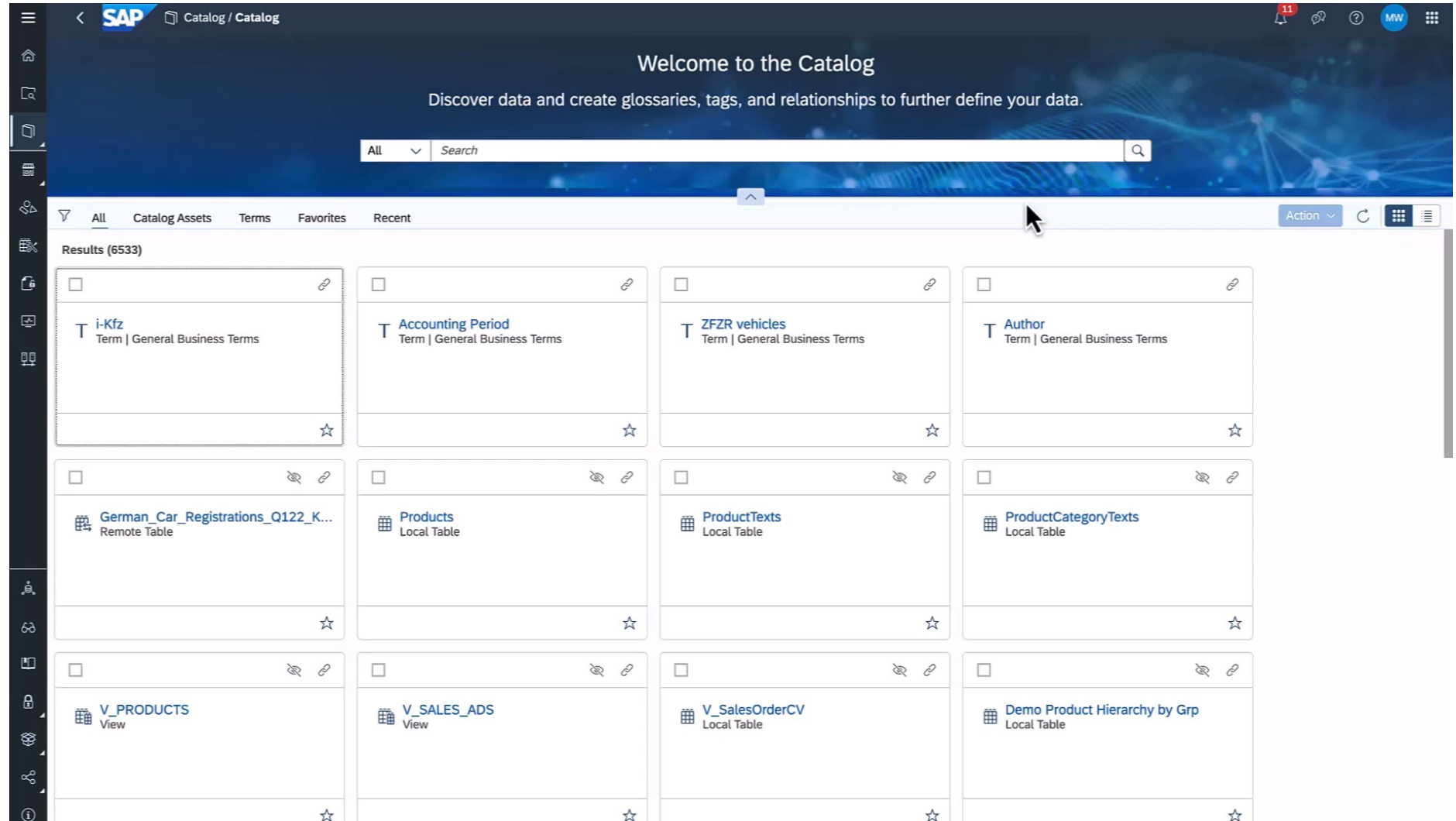
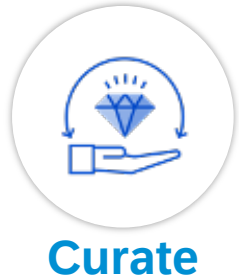
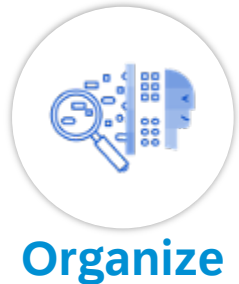
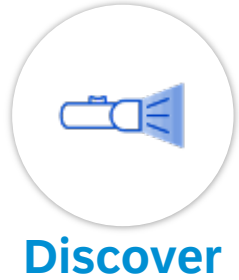
The Analytic Model in SAP Datasphere is also **seamlessly integrated** with SAP Analytics Cloud to analyze data in a hassle-free manner.



SAP Datasphere provides capabilities for a complete **Business Data Fabric architecture**



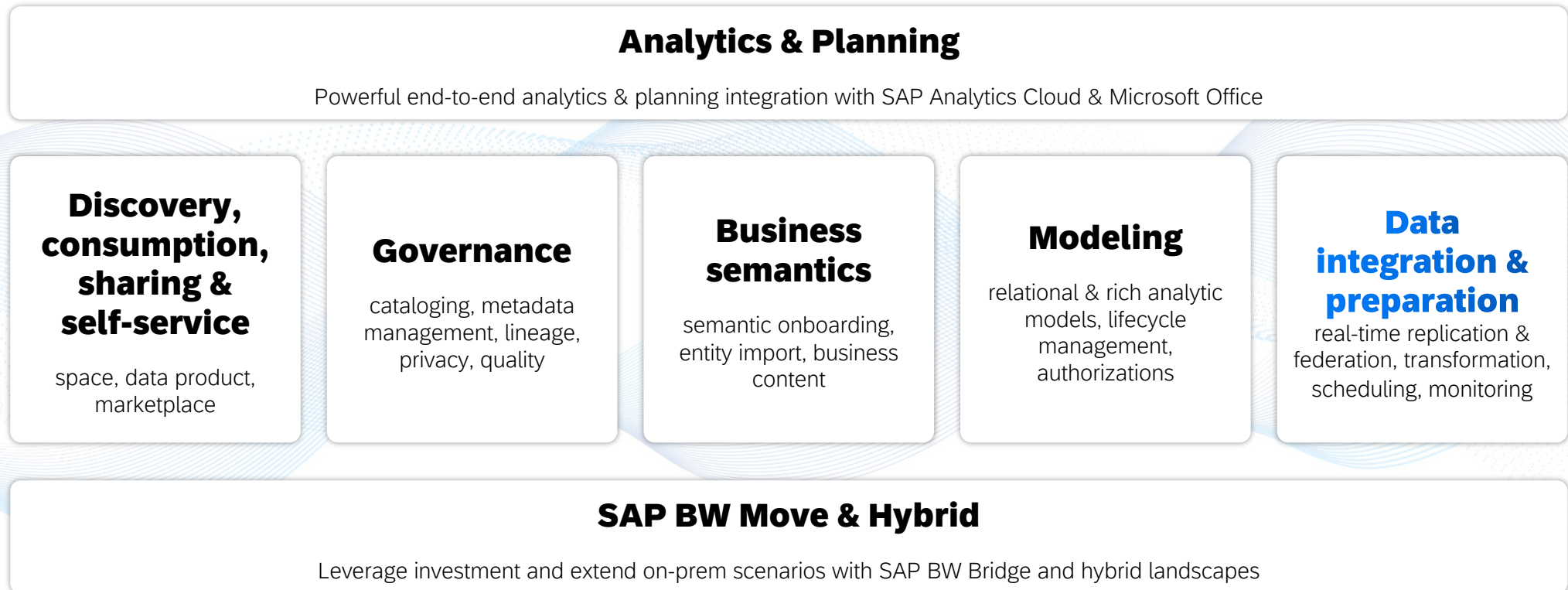
SAP Datasphere: SAP Catalog Enables Governance



The screenshot displays the SAP Catalog user interface. At the top, a banner reads "Welcome to the Catalog" with the subtitle "Discover data and create glossaries, tags, and relationships to further define your data." Below this is a search bar with a dropdown menu set to "All" and a search input field. The main content area shows a grid of search results for "General Business Terms". The results are organized into four columns and three rows. Each result card includes a checkbox, a term name, a description, and a star icon for favoriting. The terms listed are: "i-Kfz", "Accounting Period", "ZFZR vehicles", "Author", "German_Car_Registrations_Q122_K...", "Products", "ProductTexts", "ProductCategoryTexts", "V_PRODUCTS", "V_SALES_ADS", "V_SalesOrderCV", and "Demo Product Hierarchy by Grp". The interface also features a left-hand navigation pane with various icons and a top-right area with user information and notification icons.

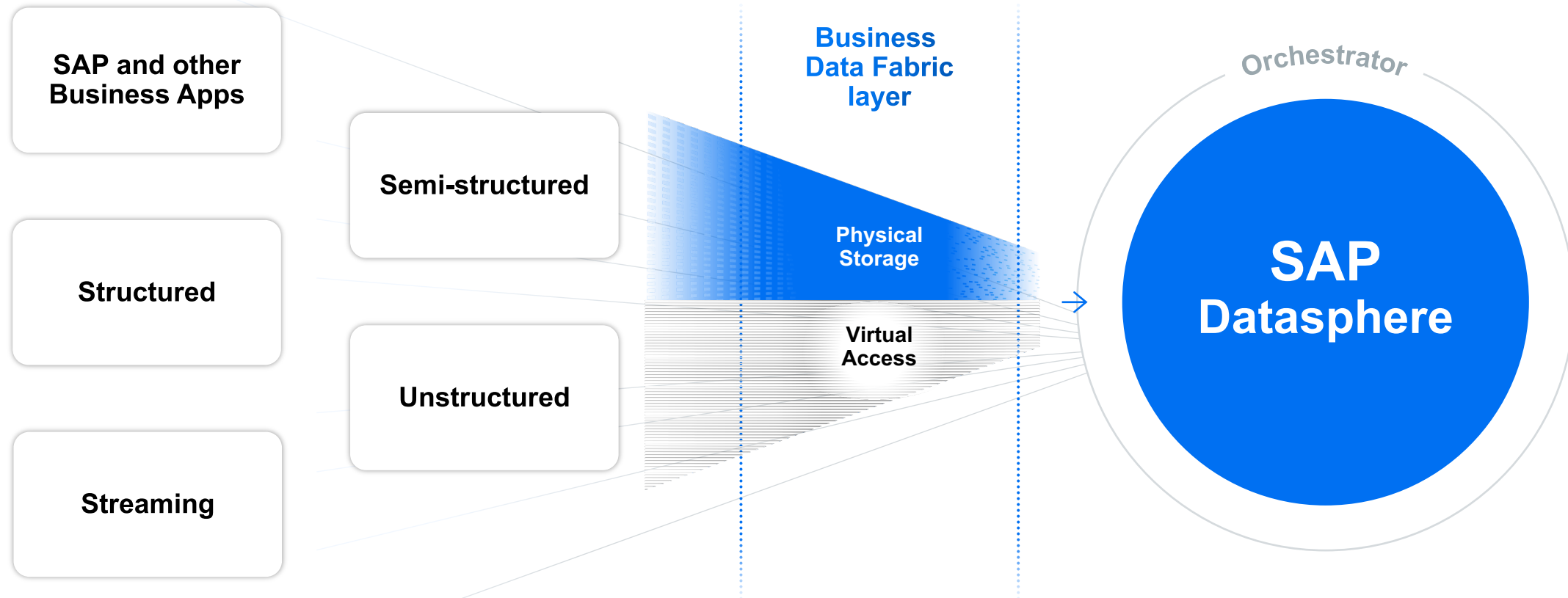
Term	Description
i-Kfz	Term General Business Terms
Accounting Period	Term General Business Terms
ZFZR vehicles	Term General Business Terms
Author	Term General Business Terms
German_Car_Registrations_Q122_K...	Remote Table
Products	Local Table
ProductTexts	Local Table
ProductCategoryTexts	Local Table
V_PRODUCTS	View
V_SALES_ADS	View
V_SalesOrderCV	Local Table
Demo Product Hierarchy by Grp	Local Table

SAP Datasphere provides capabilities for a complete **Business Data Fabric architecture**



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

SAP Datasphere provides capabilities for a complete **Business Data Fabric architecture**

Analytics & Planning

Powerful end-to-end analytics & planning integration with SAP Analytics Cloud & Microsoft Office

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Modeling

relational & rich analytic
models, lifecycle
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Data integration & preparation

real-time replication &
federation, transformation,
scheduling, monitoring

SAP BW Move & Hybrid

Leverage investment and extend on-prem scenarios with SAP BW Bridge and hybrid landscapes

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

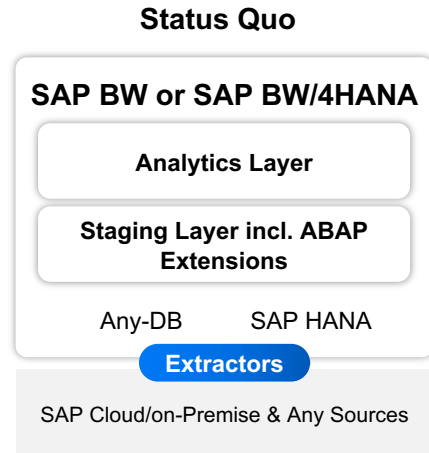
with an modernized Analytics stack on top of SAP Datasphere

SAP Datasphere

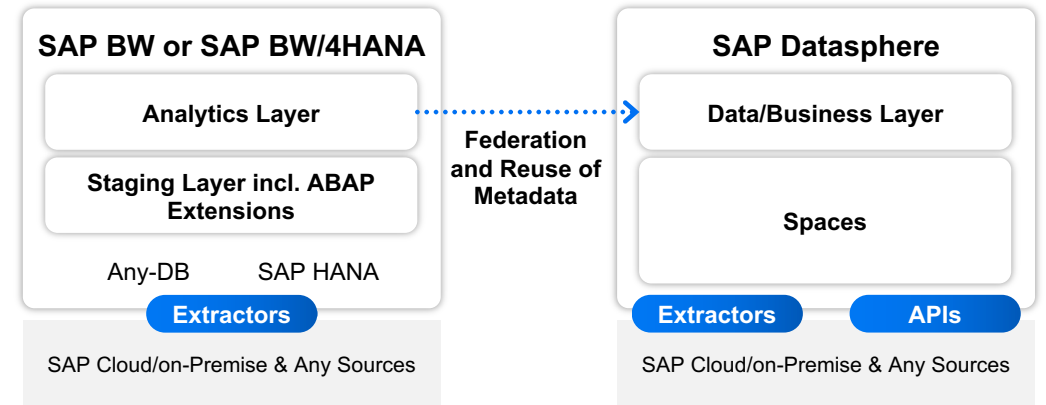
Modernize data landscape

Hybrid.

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



To be Architecture

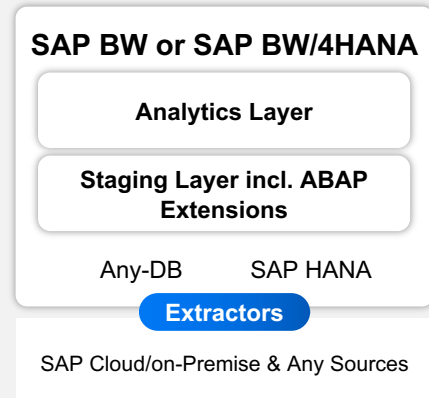


Switch/move from Hybrid to SAP Datasphere with SAP BW bridge

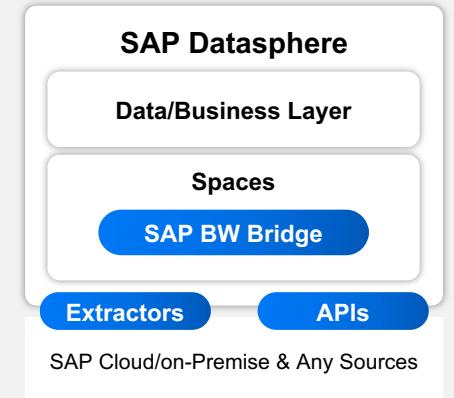


SAP BW bridge.

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



Move
Tool-supported conversion including data



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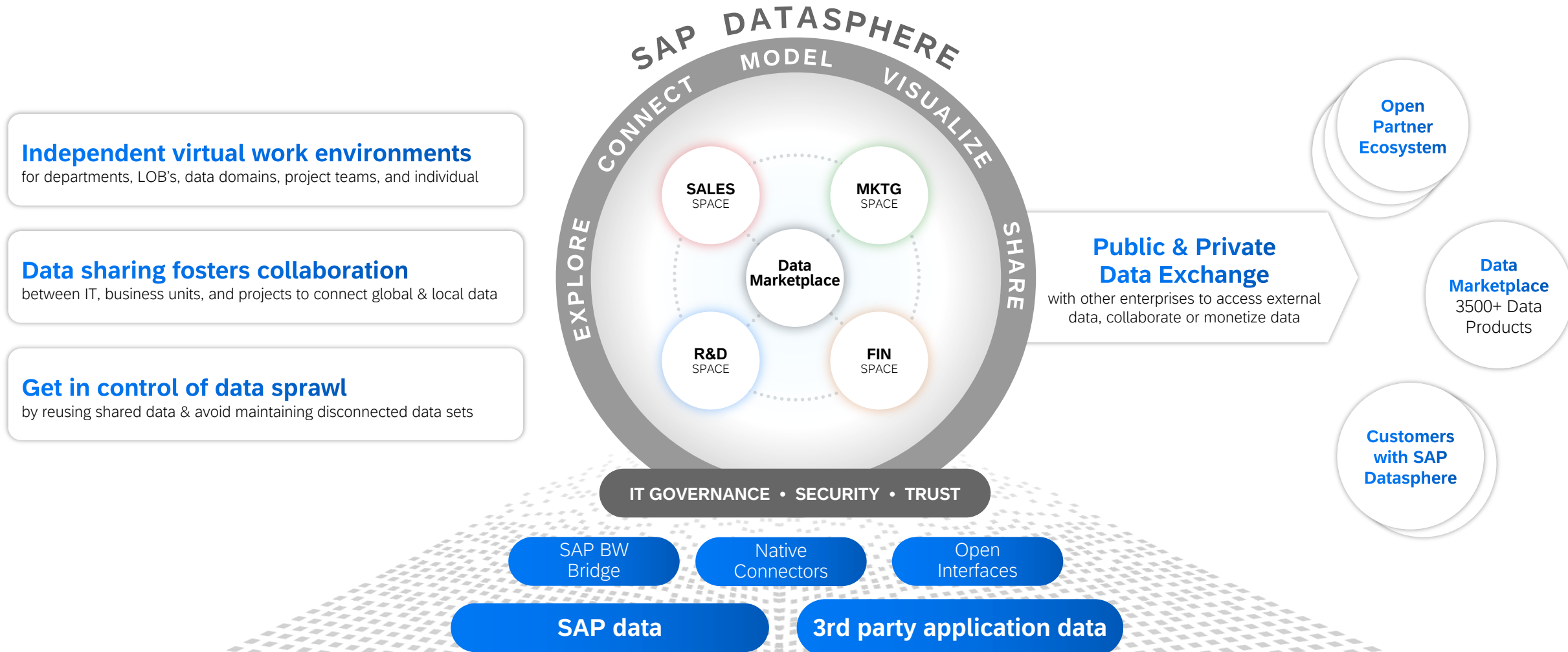
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SAP BW Move & Hybrid

Leverage investment and extend on-prem scenarios with SAP BW Bridge and hybrid landscapes

Access to External & Internal Data in Clicks for better, faster & more scalable data collaboration



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)

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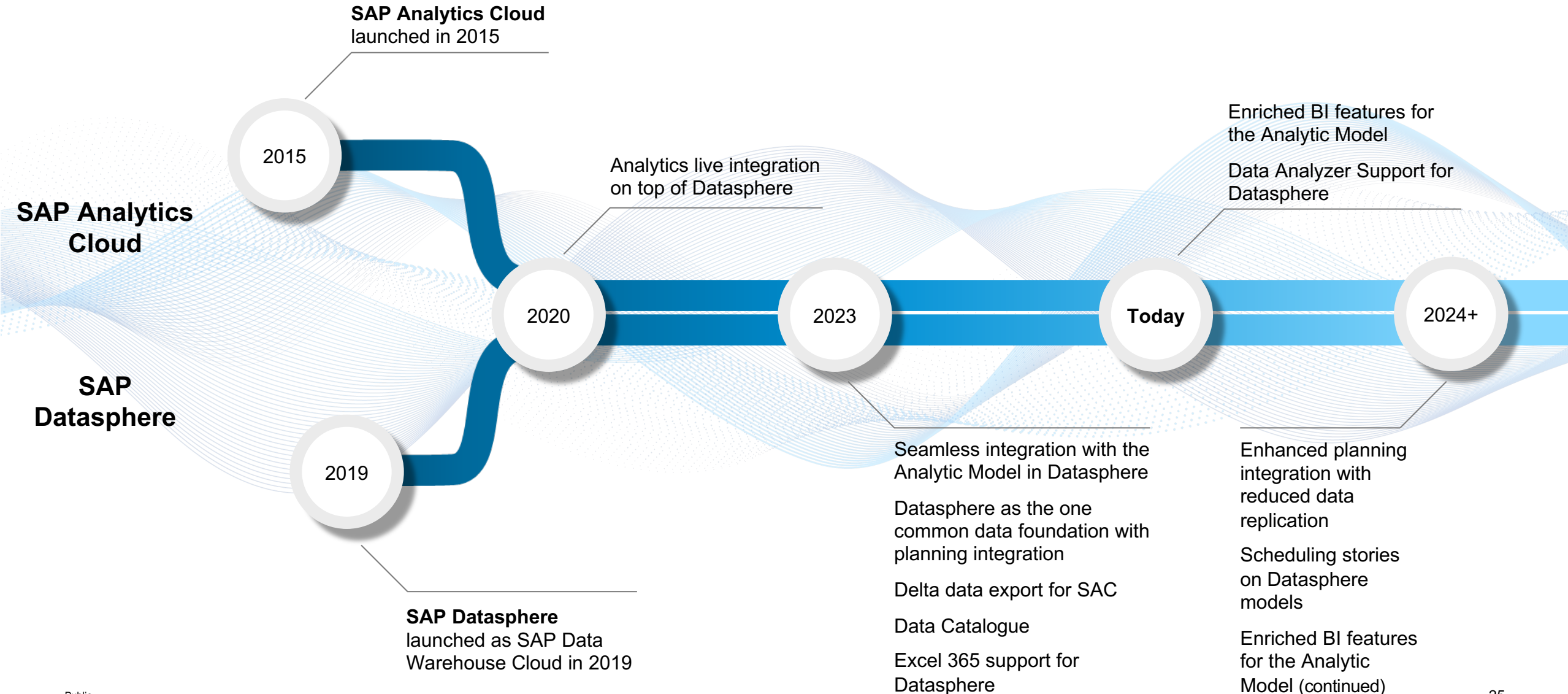
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SAP BW Move & Hybrid

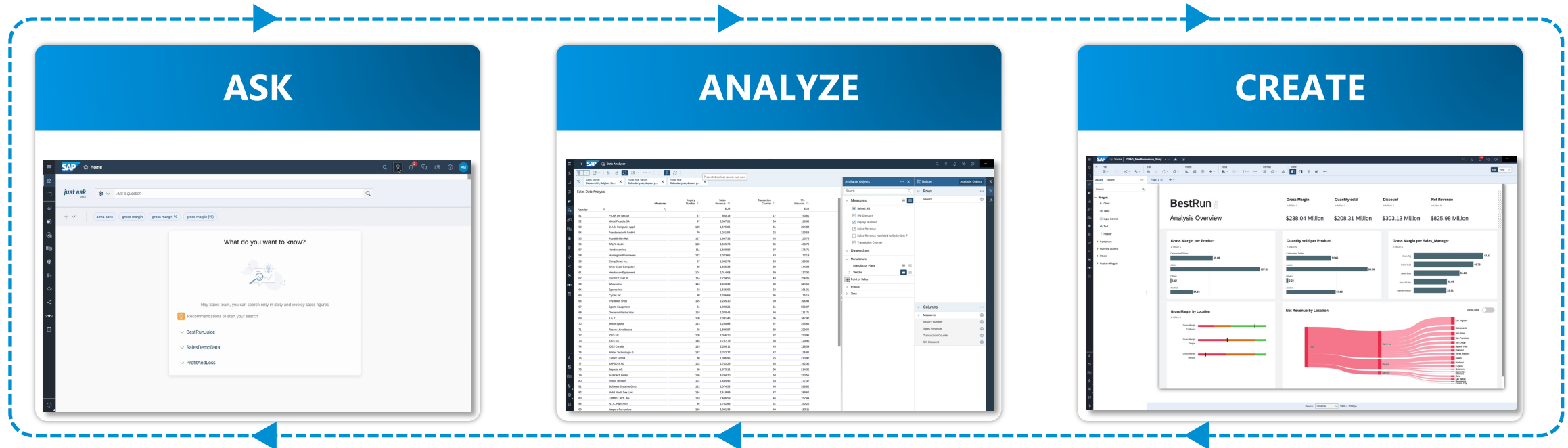
Leverage investment and extend on-prem scenarios with SAP BW Bridge and hybrid landscapes

SAP Analytics Cloud and SAP Datasphere integration journey.



SAP Analytics Cloud: Every workflow will be AI-driven by 2024

“Our vision is that Generative AI should be **a natural extension and enhancement** of existing functionalities.” - Matthias Kraemer



From **Casual Information Worker** to **Power User**
Simpler LoB experience and improved end-customer experience with assisted AI

SAP Analytics Cloud: AI-driven Analytics



SAP Analytics Cloud and SAP Datasphere key takeaways.

State of the Art Frontend

Consolidated, powerful and efficient frontend components, integrated anywhere

Lead with Planning

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



Start your data and analytics journey with SAP Datasphere Academy

Datasphere Follow Up Discovery Session



- **Setup follow up appointment** to define use cases

Free Tier



- **Testing use cases**
- Defined test scenario
- **Evaluate SAP BTP services** to integrate & extend solutions with access to 90+ SAP BTP services for 90 days

CPEA (Consumption commit)



- **Defined use cases**
- Want to start small (use case or capacity) and grow on demand
- Known BTP services
- Predictable usage and flexible consumption

Discover our **data and analytics** offerings to expand on your data journey. See how you can start **making trusted business decisions with your data today.**

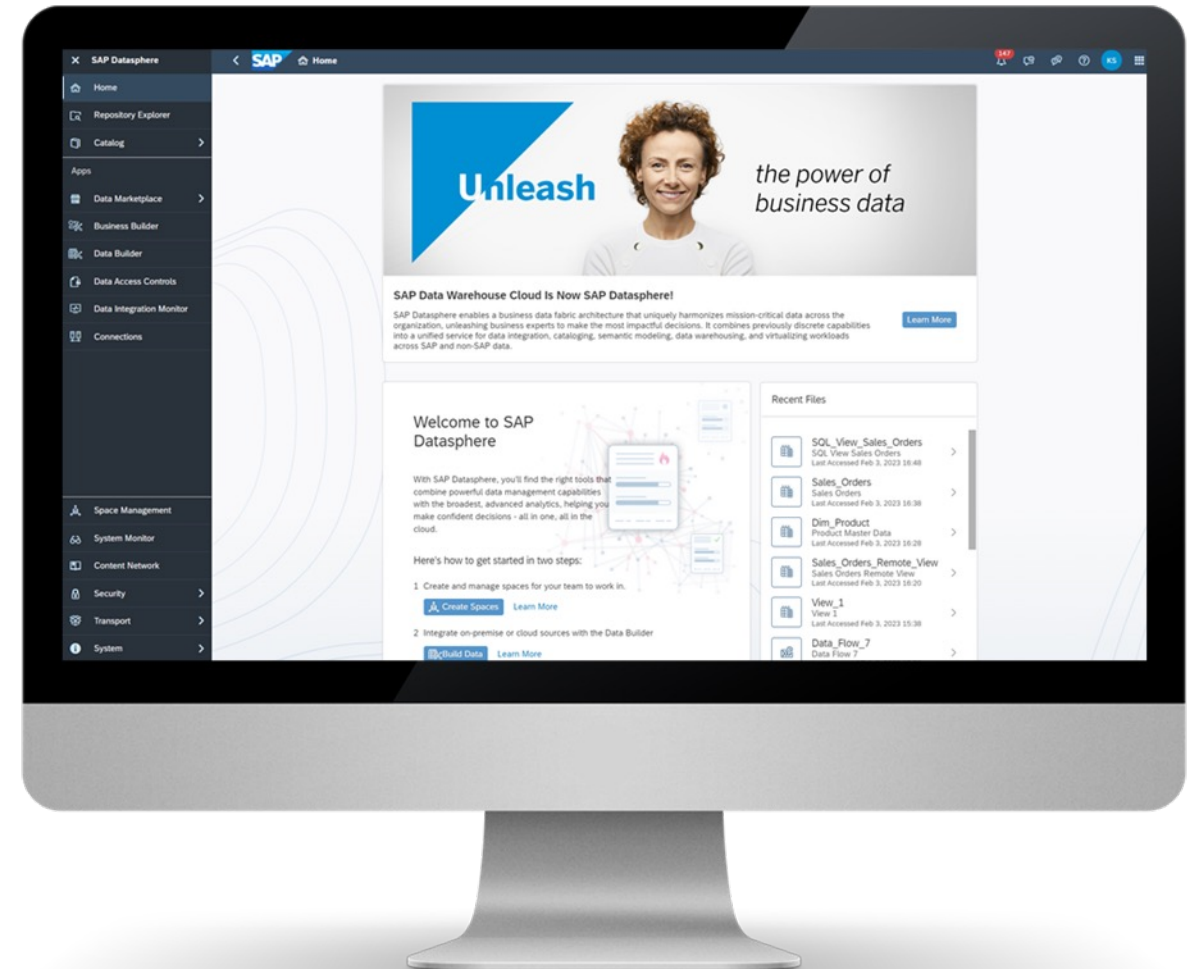
Start your data and analytics journey with SAP Datasphere

[Try the Guided Experience](#)

[Get a free trial](#)

[Learn more](#)

[Join the conversation](#)



Thank you.

Contact information:

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Chris.Pritchard@sap.com

