



MINDSET

Experience the Human-Centered Enterprise

March 2024

SAP BTP Champions Days

SAP Datasphere – Why and why now!

MINDSET



| Our Mission

Navigating innovation with SAP, we employ a rare blend of expertise to forge **extraordinary outcomes** and **delightful experiences**.

Our Human-Centered Innovation

- As an SAP AppHaus partner, Mindset is not only an expert in SAP S/4HANA & SAP BTP. We also bring a **human-centric approach** that customers and users love!
- We hit the ground running with recognized experience in **our Human Centered Apphaus Approach** and technical **SAP BTP Expertise**.



Mindset's Proven SAP BTP Value Proposition

Our process to leveraging SAP BTP for S/4HANA creates a **sweet spot for innovation**.

Human-Centered Innovation

From SAP's only US-based AppHaus partner

Fully Scaled BTP Practice

A winning team with the right roles to make it happen



Proven BTP Approach

Three-step process with a track record of business transformation

At the sweet spot, **faster adoption** and **increased consumption**

Mindset's SAP BTP Focus Areas



Extend

Extend your core using
SAP BTP services



Integrate

Integrate with 3rd party
systems in real-time



Analyze

Real-Time Analytics in your
data visualization layer of choice

Mindset's Proven SAP BTP Approach

Our three-step approach to leveraging SAP BTP for S/4HANA & more leads to **real business transformation.**

01



Enable the platform & people

Introducing what BTP is & its benefits, setting up for long-term success

02



Prove it works and scales

Turning technical areas/ use cases into solutions that delight business users

03



Business transformation

Realizing the power of BTP, then taking it to the next level

| What analytics tools do you use today?



Datasphere works with...

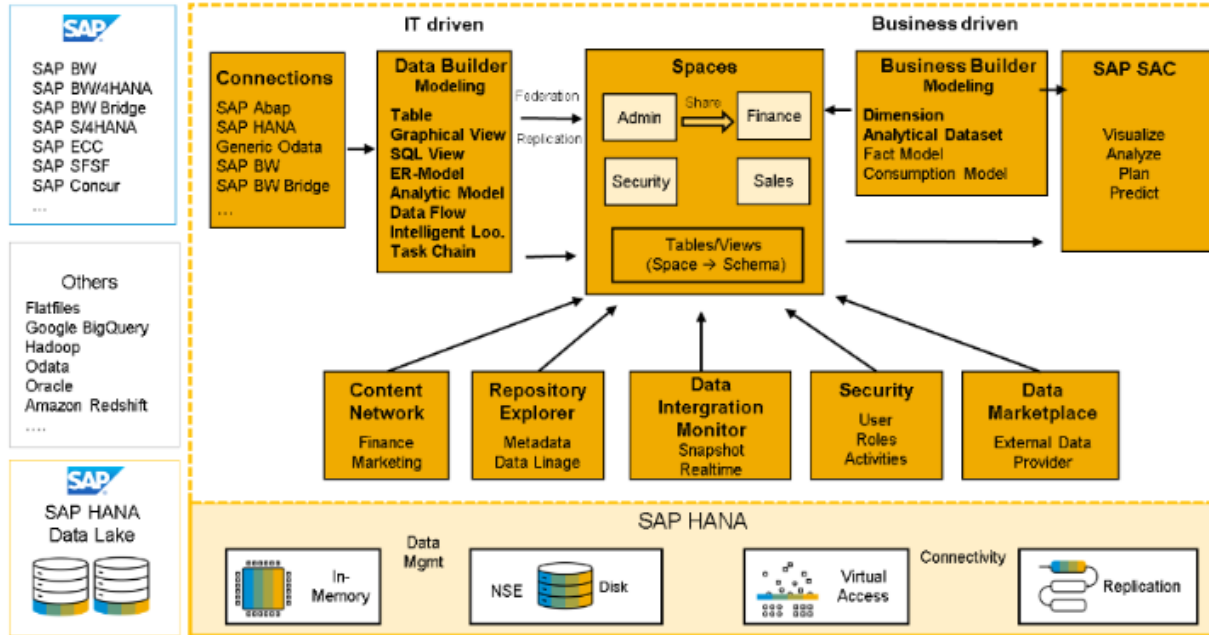
ALL of them!

Datasphere enables real-time data analytics for your visualization layer of choice!

The screenshot displays the SAP Datasphere user interface. The left sidebar contains navigation links: Home, Repository Explorer, Catalog, Apps, Data Marketplace, Semantic Onboarding, Business Builder, Data Builder, Data Access Controls, Data Integration Monitor, and Connections. The main content area is titled 'Hello, Jonathan Bragg' and 'Mar 4, 2024'. It features a 'Welcome to SAP Datasphere' message with a 'Learn More' button. Below this is a 'Spaces' table showing storage and status for various datasets. The right sidebar includes a 'Data Integration Tasks' section with a list of tasks and their completion status, and a 'Quick Actions' section with a button to add quick actions.

Name	Priority	Storage	Status
JONTEST	5	Used 27.48 MB of 2 GB	Cold
ETHAN_TEST_SPACE	5	Used 22.44 MB of 2 GB	Cold
SAP_CONTENT	5	Used 6.62 MB of 2 GB	Cold
TANK_FARM	5	Used 778.24 KB of 2 GB	Cold
SAP_TEST_DATA	5	Used 540.67 KB of 2 GB	Cold

SAP Datasphere Architecture



SAP BW Bridge & Datasphere



SAP BW

BEx Analyzer, BEx Web Templates, BEx Tools

BW Query (BEx Query Designer)

Classic Object Types (InfoCube, DSO, MultiProvider, InfoSet, ...)

Object Type InfoObject

Loading Object Types (Transformation, DTP, Process Chain)

SAPGUI Modeling & Workbench

Source System ERP Extractors (S-API), BW

Source System types UD/DB Connect, Data Services, Partner ETL

Source Systems types HANA, File

PSA / InfoPackages

BI Content Packages

Near-line Storage Partner Solutions, Near-line Storage SAP, DTO



SAP Datasphere, SAP BW Bridge

SAP Analytics Cloud

Model Transfer

DataStore Object (adv.) & CompositeProvider

InfoObject

Transformation, DTP, BW Bridge Process Chain

Eclipse based BW Modelling Tools & BW Bridge Cockpit (UI5)

Consolidation to ODP

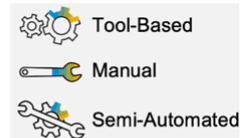
Consolidation to SAP Datasphere

Consolidation to SAP Datasphere

Operational Delta Queue, field-based DataStore Object (adv.)

SAP BW bridge Content

New Cold Store planned



| Why Datasphere? The Questions

- How many customers here use SAP as their primary core ERP? (Everyone)
- What other types of environments are people using outside of SAP?
- How many CDS views are extraction enabled and available for datasphere out of the box?
- What open source catalogs of data are you using today? How can you use them together?



Why Datasphere - From SAP

SAP Datasphere enables a business data fabric

SAP Datasphere - and its open data ecosystem - is the foundation for a business data fabric. It equips any organization to deliver meaningful data to every data consumer — with business context and logic intact.

Simplify the ever-growing data landscape

Integrate your data and AI platforms to deliver data in business terms from multiple systems and locations.

Implement self-service data access to trusted business data

Provide governed, self-service access to data products that are described with business-friendly terms.

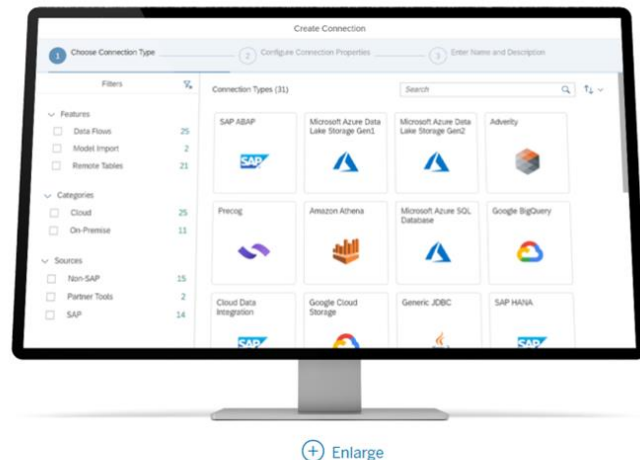
Facilitate real-time data access to support your business

Support operational applications with insights and analytics across hybrid and multi-cloud.

Accelerate trusted decisions

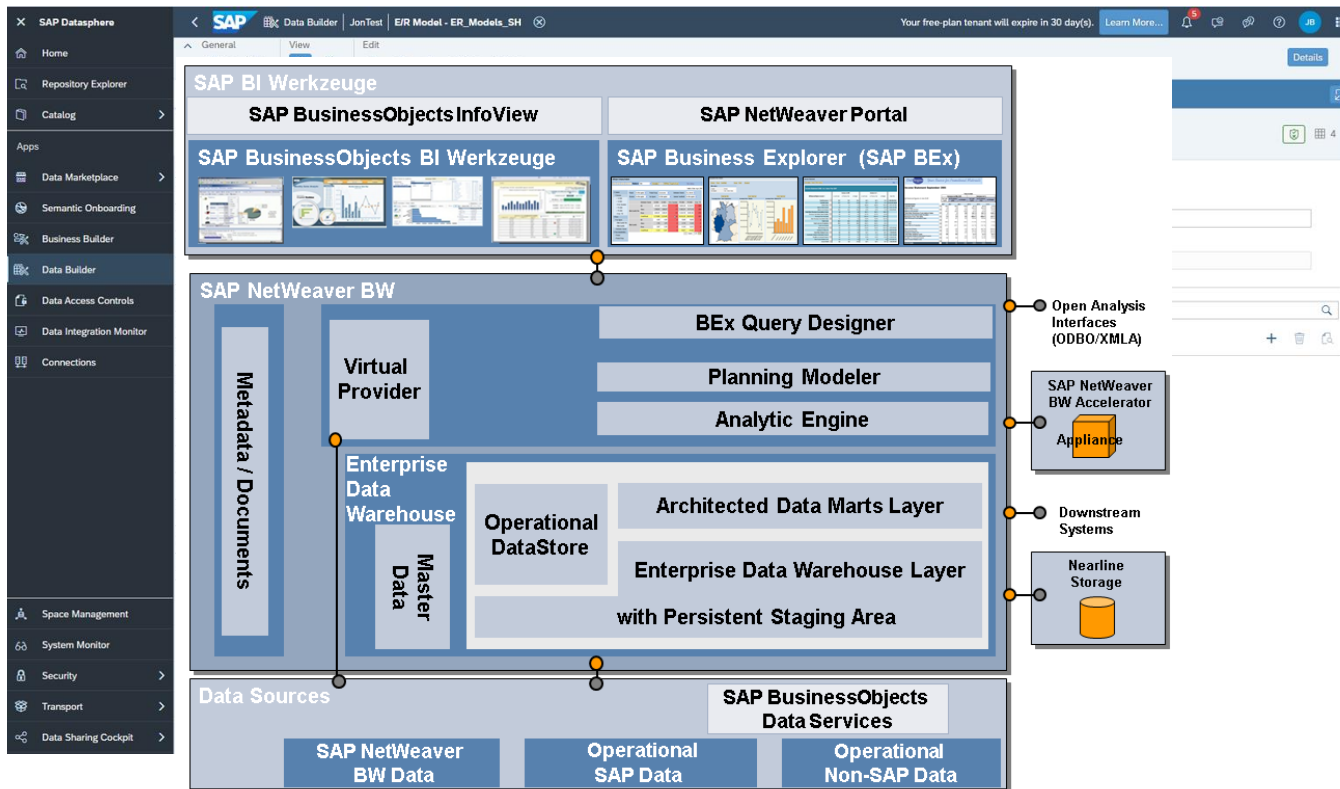
Deliver centralized governance, privacy, and compliance (data, financial, privacy, compliance) for every data professional, across all data sources.

[Read the solution brief](#)

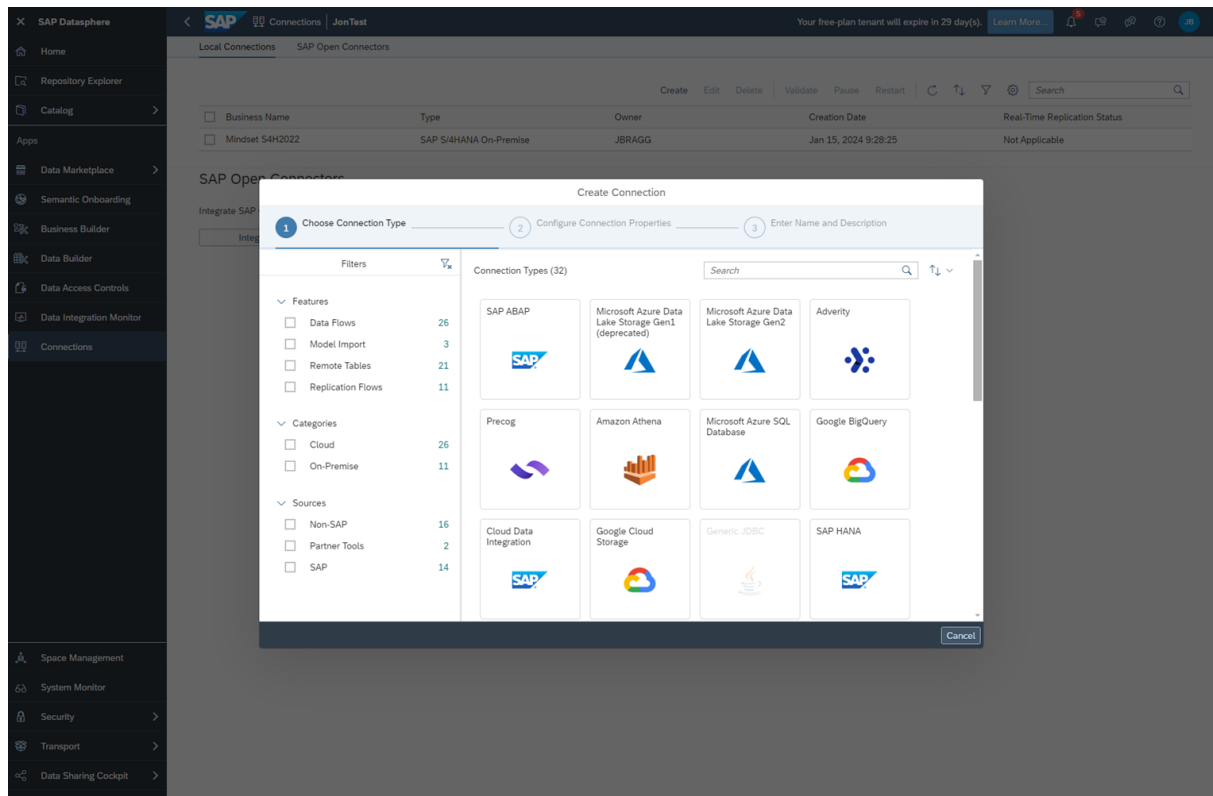


Why Datasphere? Speed to Value!

Modeling



Why Datasphere? Connectivity

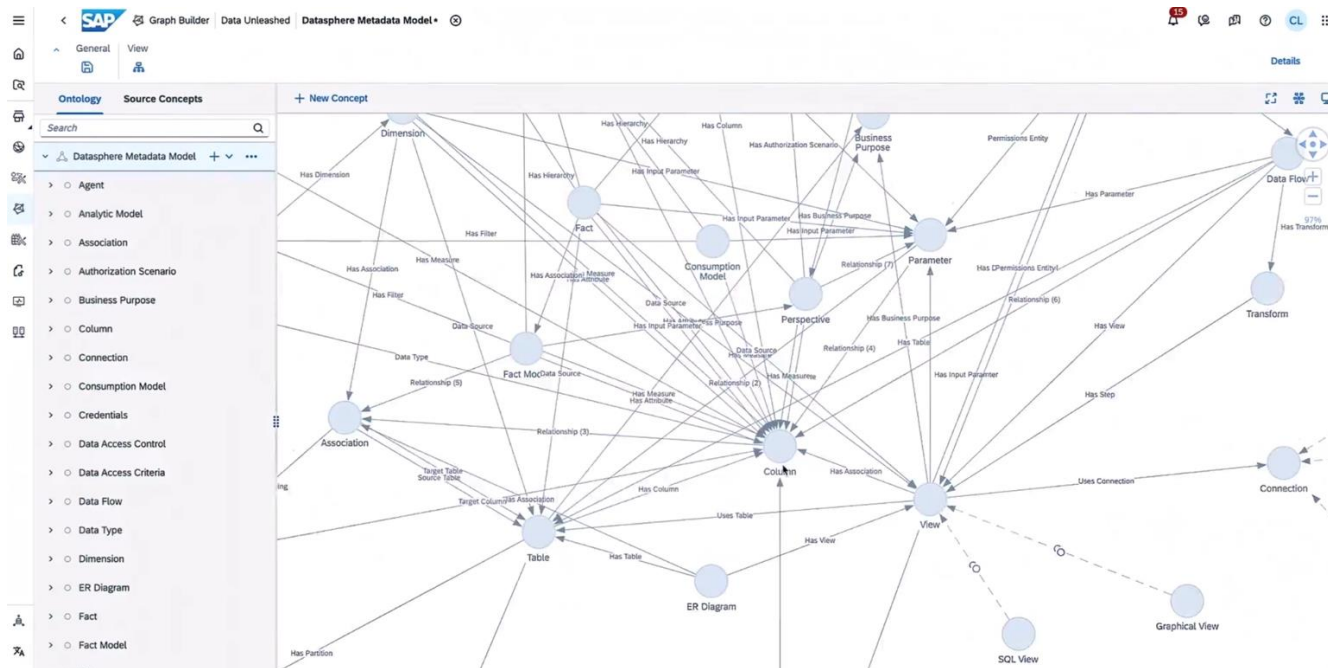


Why Datasphere? Open Data Catalog

The screenshot displays the Datasphere Open Data Catalog interface. On the left is a dark sidebar with navigation options: Home, Repository Explorer, Catalog (selected), Apps, Data Marketplace, Semantic Onboarding, Business Builder, Data Builder, Data Access Controls, Data Integration Monitor, Connections, Space Management, System Monitor, Security, Transport, Data Sharing Cockpit, and System. The main header area is titled 'Catalog' with the subtitle 'Discover trusted data and analytic assets to unlock the potential of your enterprise data.' Below the header is a search bar with 'All' and 'Search' dropdowns. A filter bar shows tabs for All, Assets, Terms, KPIs, Data Products, Favorites, and Recent. The main content area displays a grid of 15 data product cards, each with an icon, title, description, and a star icon for favorites. The products include Supermarket Sales, Store Sales, Cities Open SAP, HR Demo Data, Finance Sample Data, Date Master for Intelligent Lookup, 41,000 World Cities Basic Mast..., Sales Sample Data for SAP, Beverages - Commodity Prices, Commodity Prices - 1960 until t..., Sugar cane production, 2018, Maize production, 2018, Strategic Risk Management - To..., Human Resources Sample Data..., COVID-19 data - United Kingdom, COVID-19 data - Italy, Main Economic Indicators: Cons..., SAP Sustainability Control Tower, materialsales, and Raw Materials - Commodity Pri....

Data Unleashed - Knowledge Graph

- Visual Data Relationships in Datasphere
- Spot global data patterns across the organization easily



Data Unleashed - SAC Compass

- No more SAP BW/BPC loading of data models, simulation data, and waiting hours upon hours to get to the next iteration results. SAC Compass allows you to do this in real-time
- This tool also includes the ability to utilize Joule to ask questions about forecasting models and outputs of the simulations. Without this, it can take hours to dig in and see why a forecast output

-112 mUSD ΔAct vs Bud
-7.3% ΔAct vs Bud

> Actual		> Budget		2023 Actual vs 2024 Budget	
> 2023		> 2024			
123		127			3.0%
89		90		-1.1%	
14		14		-0.9%	
114		121		-6.2%	
95		96		-0.9%	
38		38		-1.3%	
16		16		-0.3%	
111		114		-3.0%	
477		490		-2.7%	
1,538		1,650		-7.3%	
2,112		2,226		5.4%	
573		576		0.5%	
220		213		-2.9%	

The screenshot displays the SAC Compass interface. At the top, there are navigation tabs for 'Standard' and 'IBCS'. Below these is a 'Company Template' section with a 'Create Story' button. A 'Done! You can make adjustments as necessary.' message is shown. The 'Financial Story' section features a 'Check it Out' button and a 'summarize comments' button. A text box at the bottom explains: 'Lower income is due to higher costs for Budget 2024. Comments show that increased costs are mainly based on high-inflation expectations. In addition, increased travel is another significant cost driver.'

Data Unleashed - Joule

- Everyone's favorite SAP AI assistant will now be available in both Datasphere and SAC.
- Coupled with the Just Ask functionality in SAC
- Joule will be an interesting option when creating models for your business. The ability to ask what contexts, what data objects, and what things are relevant will be something I'd love to try!

The image shows a screenshot of the SAP Data Builder interface on the left and the Joule AI assistant interface on the right.

SAP Data Builder: The main workspace displays a diagram of data sources. A box labeled 'Fact Sources (1)' contains 'SAP Marketing Consolidated View' and 'Sales and Marketing Consolidated View'. Arrows point from this box to four data objects: 'GL Account' (SAP FI XPA GLAccount), 'Sales Organisation' (SAP SALESORGANISATION), 'Customer' (SAP ALL CUSTOMER), and 'Product' (SAP ALL PRODUCT).

Joule AI Assistant: The interface shows a chat window with a question: 'What type of promotional campaign works best for bikes?'. Below the question, it states: 'Sure! I've collected the top 5 types of promotional campaigns that worked best for selling bikes based on existing data.' A table titled 'Promotional Campaigns' is displayed:

Campaign Type	Target	Conversion Rate
Social Media	Mountain Bike	5.0%
Social Media	Road Bike - High End	4.2%
AdWords	Children's Bike	4.0%
Social Media	Road Bike - Basic	3.9%
Email	Road Bike - High End	3.5%

Below the table, the source is identified as 'Harmonized Promotional Campaign' from 'SAP Datasphere'. A second question is asked: 'What were the highest performing regions for social media campaigns?'. The response states: 'The highest performing regions for social media campaigns were:' followed by a list:

1. San Francisco
2. Portland
3. Boston
4. Denver
5. Seattle

Customer Success Stories & Use Cases



Greenfield with SAP Legacy Sources

Customers building a new data warehouse in the cloud with SAP Legacy systems as data sources that will only be migrated to a cloud-based system in the future. Expecting the same level of data integration, and convenience functions experienced with SAP BW/4HANA.



Conversion with SAP BW NetWeaver & SAP BW/4HANA 2021

Customers with an SAP BW (SAP BW 7.3 and upwards, any DB) moving their data warehouse to the cloud expecting to retain their data, and their legacy data flows, but renovating their data consumption layer with SAP Analytics Cloud or 3rd party clients on top, and expanding their data footprint to cloud, and non-SAP sources.



Mass Group

Hybrid with SAP BW/4HANA

Customers with an on-premise SAP BW/4HANA looking for a path into the cloud for their data warehouse workload. Starting with hybrid scenarios for consumption to combine SAP BW/4HANA data, and SAP Datasphere data, and then easily moving more and more of the SAP BW/4HANA data flows to the cloud, and successively transition them to modern SAP Datasphere data ingestion approaches.