

# SAP Business Unleashed Innovation Day

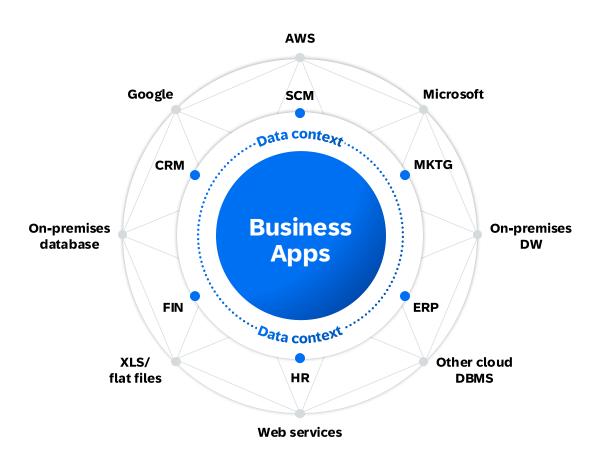
When you connect everything, you can achieve anything.



**SAP Business Data Cloud** 

Jared Yabanci – Solution Advisor Business Data Cloud

# **Customer Needs in the Age of Al**



### SAP customers are asking for

All data across lines-of-business

Unified Business View

Easier access to SAP data

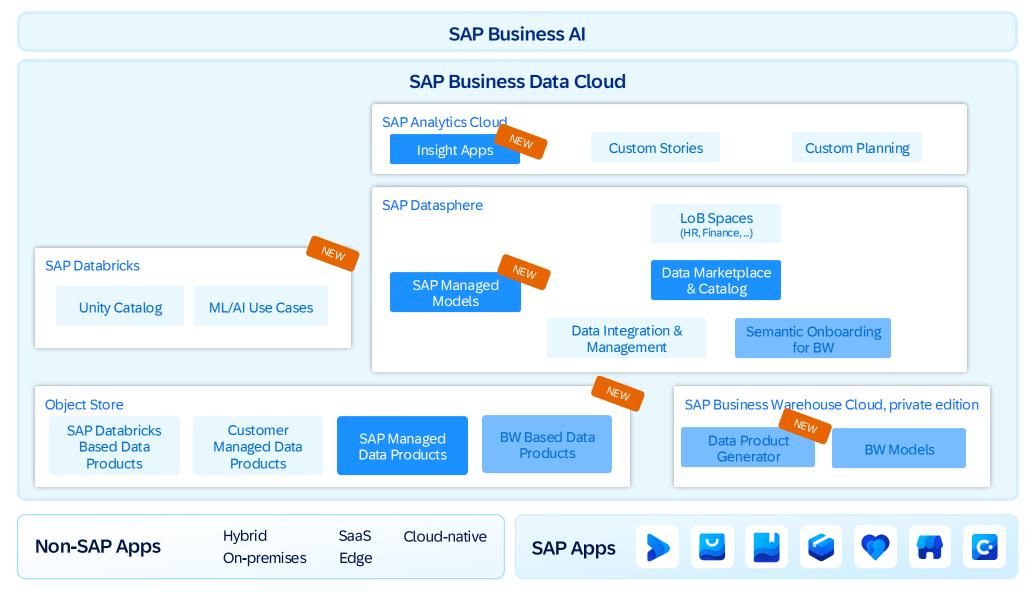
Accelerate AI with AI-ready data

Faster time to insights

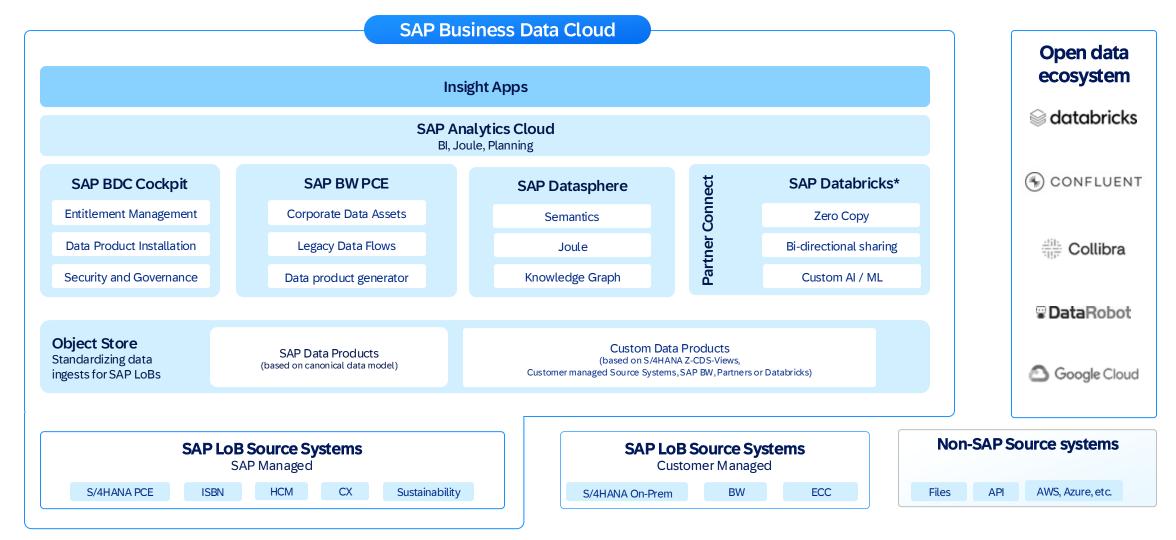
Simplified Landscape

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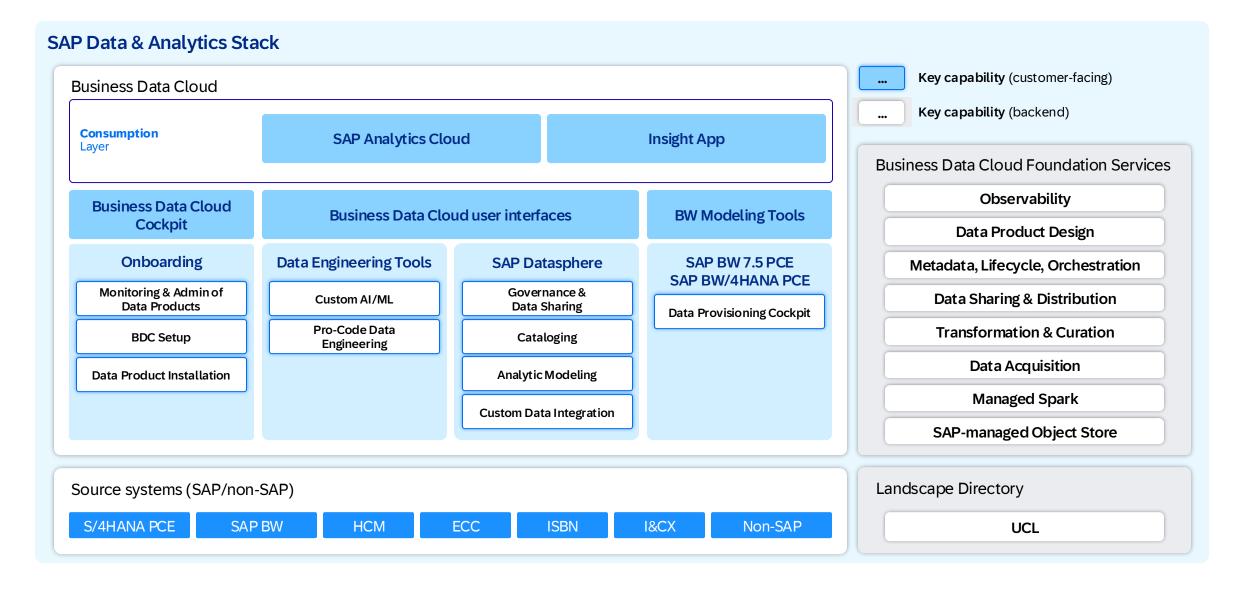
# SAP Business Data Cloud – Software as a Service for Data and Analytics



## SAP Business Data Cloud components overview



## **SAP Business Data Cloud Components Overview**



Public

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## SAP Business Data Cloud is addressing various personas



🕰 Personas & Roles



### **Data Analyst**

"I combine data from data products and systems to create robust and reliable data models for my domain data product owner."



## **Business Analyst**

"I empower my business users with the insights that they need. Together, we shape the requirements that I translate into beautiful and intuitive solutions."



### **Data Scientist / Engineer**

"I provide access to remote data when and where it is needed."



### **Business Administrator**

"I am the counterpart for business users to allow them to work with the data and functions they need to have in order to successfully perform their business activities."



## **SAP & Custom Developer**

"I make sure that everyone, can get the desired data from my domain. The data of my domain can be found and used easily, is reliable and always up-to-date"



### **LoB Consumer**

"I am crucial to safeguarding my organization's liquidity. My job demands agility and speed in action. I cannot afford to look at outdated or incorrect data."



**Mary**Business User



Mary is a financial controller at Best Run Bikes and is very concerned about the current cash on hand but lacks detailed insight into working capital and key issues.



**Mary**Business User

Hi Allen!

I'm very concerned about the current cash on hand but I lack detailed insight into working capital and key issues. Can you help?

Hmmm.



**Allen** Business Analyst



**Allen** Business Analyst

Can you provide me with SAP's new Business Data Cloud offering, please?

Yes, of course.



**Frank**Business Data
Cloud Admin



**Frank**Business Data
Cloud Admin

Hey Allen, you should now have access to BDC with the data products from S/4. Here is a link:

https://www.sapbusinessdata...

Thanks!



**Allen** Business Analyst



**Allen** Business Analyst

Can you help us understand what contributing factors lead to poor collections and why some marketing campaigns seem to have more collections issues than others?

Of course!



**Derek**Data Engineer/
Data Scientist



**Derek**Data Engineer/
Data Scientist

Just finished the "ML DSO Prediction" data product. It's available for you now.

Thanks.



**Allen** Business Analyst



**Allen** Business Analyst

Hi Mary, I added a new section with the requested information to the "DSO Analytics" report.

Check out the link:

https://.../?mode=present

Thanks awesome! Taking a look right away.



**Mary** Business User

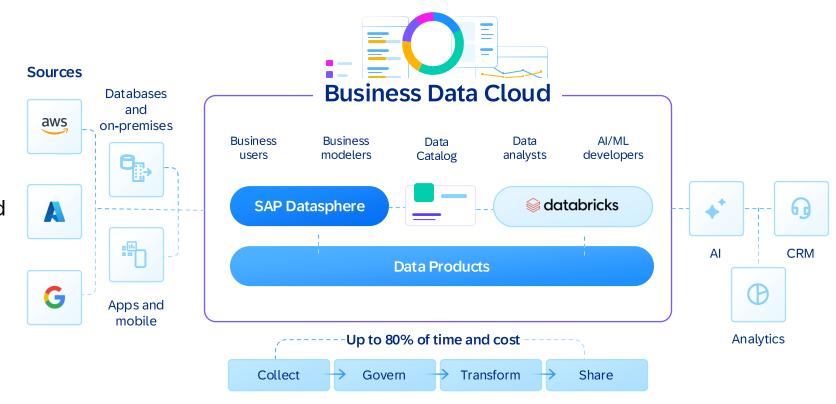
# Unlock the full potential of your data with SAP Databricks

Recognized as a market leader in unified data and AI platforms

Fully managed and embedded within SAP Business Data Cloud

Brings industry leading data engineering, data science, advanced analytics and SQL serverless capabilities to SAP's Business Data Fabric

Optimized to work with SAP data products with zero-copy data exchange



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## SAP Databricks\* in SAP Business Data Cloud

Unlock the full potential of your data

## **SAP Databricks**

# Unify data with zero copies

Leverage delta sharing to connect and blend data without the need for or complex ETL or data copies

**Delta Share** 

# Deliver trusted data products

Access curated SAP managed data products
Build derived data products and publish to catalog

**Unity Catalog** 

## Develop with procode tooling

Develop pro-code data engineering & custom AI/ML. Write spark pipelines to blend SAP and 3<sup>rd</sup> party data

**Databricks Notebook** 

# Analyze data at scale, on-demand

Analyze data at scale ondemand with SQL, for faster, data-driven decision-making

**Databricks SQL** 

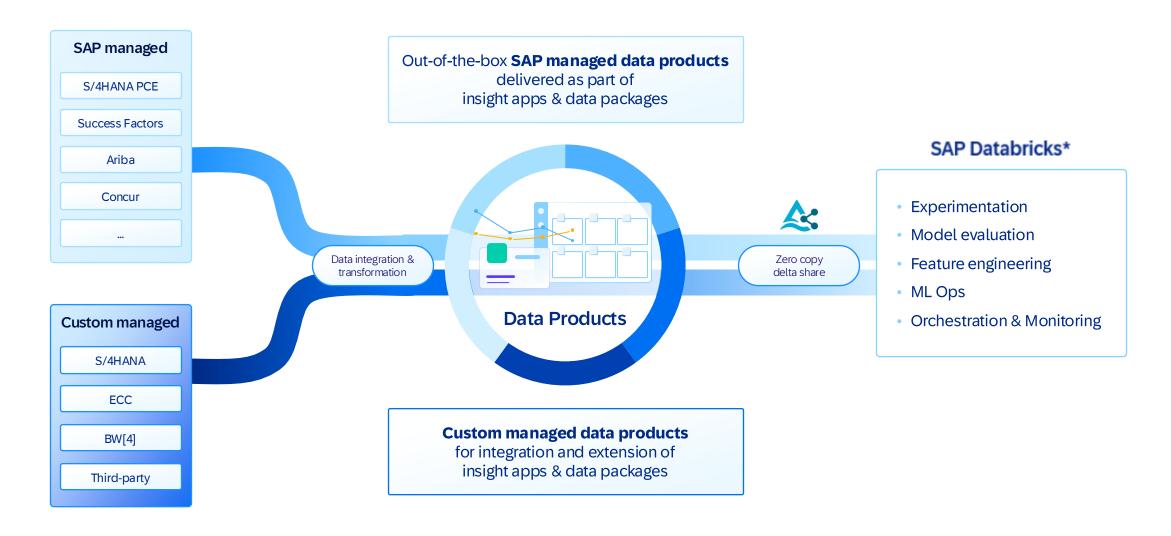
# Build custom AI and ML

Build governed and secure custom AI/ML solutions, leveraging trusted, reliable, AI-ready data

Data Science & Mosaic Al

Simplify and fully integrate your data landscape

# Easily access SAP and custom data products in SAP Databricks\* for AI/ML use cases



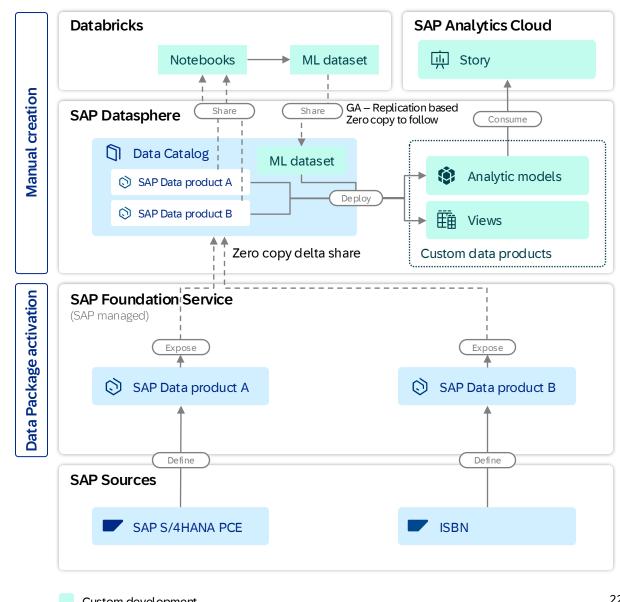
## Bi-directional Data Product Sharing to/from Databricks (Greenfield)

## Capability

- Share data products to Databricks
- Create custom ML models in Databricks
- Incorporate results of ML models from Databricks back into Datasphere/SAC to support business decisions
- Browse shared data products in BDC catalog and Unity Catalog

### **Benefits**

- A step change in easing collaboration between SAP departments and Data Science departments
- Point and click interface to enable zero copy sharing between Data Analysts and Data Engineers, eliminating pipelines to move data



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## **SAP Business Data Cloud roadmap**

#### Launch

#### Insight apps & data products

- Insight app for Core Enterprise Analytics -Working Capital Dashboard
- >30 Cloud ERP data products

#### Administration

- SAP Business Data Cloud cockpit for component provisioning, lifecycle management and installation of insight apps and data products
- SAP Business Data Cloud unified catalog for exploration, installation and consumption of data products
- Integration of Collibra data catalog in SAP Business Data Cloud catalog

#### BW modernization

 Integration of SAP BW[/4] PCE as part of SAP Business Data Cloud

#### March/April

#### Insight apps & data products

- ~4 new Cloud ERP data products
- ~4 new Intelligent Spend & Business Network data products

#### ΑI

 SAP Databricks solution in SAP Business Data Cloud

#### Q2 2025

#### Insight apps & data products

- New Cloud ERP Insight Apps
- >100 new Cloud ERP data products
- >100 new Intelligent Spend & Business Network data products
- >10 new Customer Experience data products
- >5 new Sustainability data products

#### Administration

- Zero copy sharing with delta share protocol as alternative for replication for Datasphere and Databricks
- Monitoring health and status of Business Data Cloud components

#### BW modernization

SAP BW[/4] PCE customer managed data products

#### ΑI

- Joule availability across Business Data Cloud
- Full support of Just Ask queries on SAP Business Data Cloud data
- SAP Knowledge Graph within Datasphere
- Sharing of data products from Databricks to Business Data Cloud
- Bi-directional integration between brownfield Databricks via partner connect service

#### **Planned**

#### Insight apps & data products

- New Cloud ERP, Sustainability, HCM, CX & ISBN Insight Apps
- >30 new Cloud ERP data products
- Cloud ERP data products and insight apps enabled for SAP S/4HANA Public Cloud edition (with version 2508)
- >80 new HCM data products
- ~5 new Intelligent Spend & Business Network data products
- >20 new Customer Experience data products
- ~4 new Sustainability data products
- "Pro insight apps": insight apps extended to BTP Build solutions

#### Administration

- Bi-directional catalog integration with Collibra
- Option for technical & commercial transition of existing Datasphere and SAP Analytics Cloud customers to SAP Business Data Cloud

#### ΑI

- Bi-directional integration between Business Data Cloud and SAP's native ML workbench Al Core
- Deploy agents in SAP Business Data Cloud to perform agentic workflows like financial planning, data modeling and system operations

# Re-Think How Analytical Data is Served



# Insight Apps across all SAP Application Pillars













# **Core Enterprise Analytics**

- Working Capital
- Finance Foundation
- Sales Analysis
- Enterprise Asset Mgt
- Service Analysis
- Solution Business
- ++

### **Spend Analytics**

- Spend Control Tower
- Procurement analysis
- Supplier risk analysis
- Contract Management
- Consolidated Spend analysis
- ++

#### **People Analytics**

- Employee Central
- Learning
- Skills
- Recruiting
- Talent
- ++

### **Customer Analytics**

- Customer Data Platform
- Customer Management
- Sales planning & analysis
- Stock forecasting
- ++

# Supply Chain Analytics

- Order Management
- Inventory and Costing
- Procurement
- Manufacturing
- ++

# Partner Ecosystem Apps

# Working Capital – Insight App



## **Working Capital**



Application

#### Overview Documentation

Data Products (30)

Category:
Finance
Version:
1.0.0

#### Details

Name	Description
BillableControl	The billable co
BillingProcessDocument	A document cre
BusinessArea	Organizational
CashFlow	The Cash Flow
Company	A Company is
CompanyCode	A company cod
ConsolidationChartOfAccounts	A consolidation
ConsolidationSubitem	A Consolidation
ConsolidationUnit	The smallest e
ControllingArea	A Controlling A
ControllingObject	Identifier of the
CostAnalysisResource	A cost analysis

CostCenter	A cost center is	an organization	12	1.0.0	
CostCenterActivityType	A cost center ac	tivity type is a	43	1.0.0	
Country	A country is a co	oded representa	32	1.0.0	
Customer	A business partr	ner to whom ma 4	47	1.0.0	
FinancialPlanningEntryItem	A Financial Pla	Product		A product is a good that contrib	28
FiscalYear	A fiscal year is	ProfitCenter		A profit center is an organizatio	33
FunctionalArea	A functional are	Project		A project is a business operatio	63
GeneralLedgerAccount	A general ledge	PurchasingOrgani	zation	An organizational unit in Logisti	42
HANACurrency	HANA represer	SalesDocument		A document that represents a b	17
HouseBank	A house bank i	SalesMasterData		Collection of Sales Master Data	19
InternalOrder	An instrument	SalesTaxType		A Sales Tax Type is a coded rep	36
JournalEntryCodes	Codes related	Segment		Division of a company for which	31
JournalEntryHeader	A journal entry	ServiceDocument		A service document is a docum	28
JournalEntryItemCodes	Codes related	ShippingPoint		A shipping point is a coded rep	30
Ledger	A ledger is a ce	StorageLocation		A storage location is a coded re	19
OperatingConcern	-	Supplier		A business partner who provide	17
OperationalAccountingDocument	-	SupplierConfirmat	tion	Reference Document Type is a	27
PaymentMethod	A payment met.	iou io u coucum	,,,	1.0.0	
PaymentTerms	Payment terms	is a coded repr 6	62	1.0.0	
Plant	A plant is an org	anizational unit 2	27	1.0.0	

1.0.0

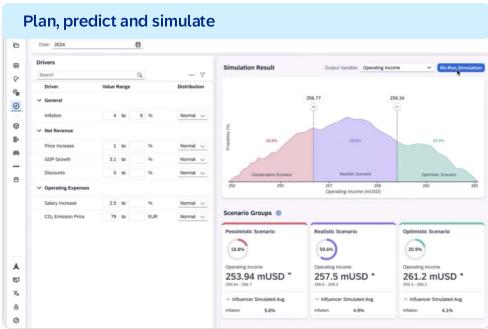
1.0.0

1.0.0 1.0.0 1.0.0 1.0.0 1.0.0 1.0.0 1.0.0 1.0.0









## Why SAP Business Data Cloud



Bringing together applications, data and AI in a SaaS experience



Unified and scalable data platform for all curated SAP data



Context aware insight apps and business-ready data products



Pivotal evolution of the business data fabric



Data science and ML use cases using SAP Databricks



Path for SAP
Business Warehouse
modernization



Scale through ecosystem Integration with advanced sharing and data exchange



Infuse Business AI with Joule and Just Ask

## Available services and how to start

#### SERVICE PACKAGES

**Enablement Service for** SAP BDC (Cloud Prepackaged Attach)

#### Focus:

To help customers get started with SAP BDC, explain the architecture and features of SAP BDC, and outline a transitional approach from their current state to a datadriven future state.

#### **Deliverables:**

Overview, architecture, and features of **SAP BDC.** Evaluation of the customer's current situation and system landscape for SAP BDC. Explain the possible transition approaches towards SAP BDC and steps based on customer landscape evaluation (conducted through the joint workshop). Service report including documented selected transition approach and prescriptive services to help the customer progress further.

Transformation Incentive – **Value Assurance Package** 

#### Focus:

Building on the deliverables of the SAP BDC starter package, help customers discover, prepare and explore phases of their transformation journey towards SAP BDC with SAP services on planning and design.

#### **Deliverables:**

Detailed design, guidance, enablement, and planning for the overall transformation project.

**Value Assurance for Partner Primed Projects** 

#### Focus:

Building on the deliverables of the SAP BDC starter package, help customers discover, prepare and explore phases of their transformation journey towards SAP BDC with SAP services complementing the partner's offering.

#### **Deliverables:**

Detailed design review, guidance and enablement together with partner for the overall transformation project.

**Migration Factory** Service for SAP BDC

#### Focus:

To help customers migrate to SAP BDC at scale.

#### **Deliverables:**

CS&D migration factory to **execute** conversion/migration at scale, leveraging cost efficient capacity, automation and accelerators, all ready at the beginning of Q1 2025. In addition, Al driven accelerators will be available by end of Q1 2025.

Available for MaxAttention, other customers and partner driven customers.

## Find more information

Check out the **product page** overview on sap.com

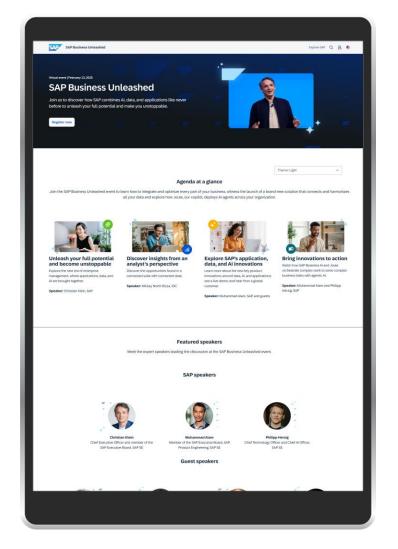
Learn more with tutorials on the **learning journey** 

Enjoy the SAP Business Data Cloud **product tour** 

Discover more details on the **eBook** online

Join the **SAP Community** for exchange with your peers

**Online Documentation** on SAP Help



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# Thank you



Jared Yabanci, Solution Advisor Business Data Cloud