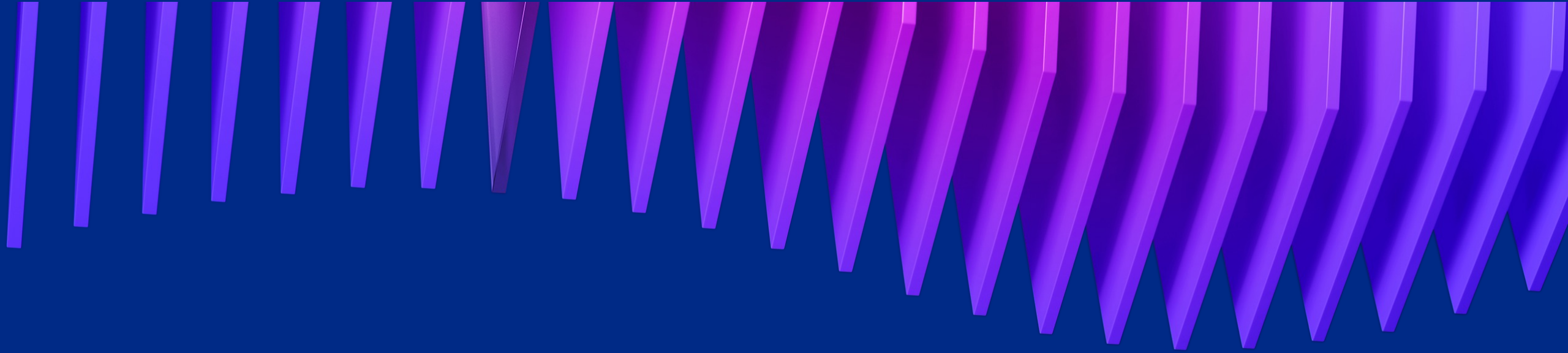




Data Management in SAP Cloud ALM

July 2026



Why do companies transform their ERP?

Internally driven

**Grow faster.
Reduce costs.
Move with
agility.**



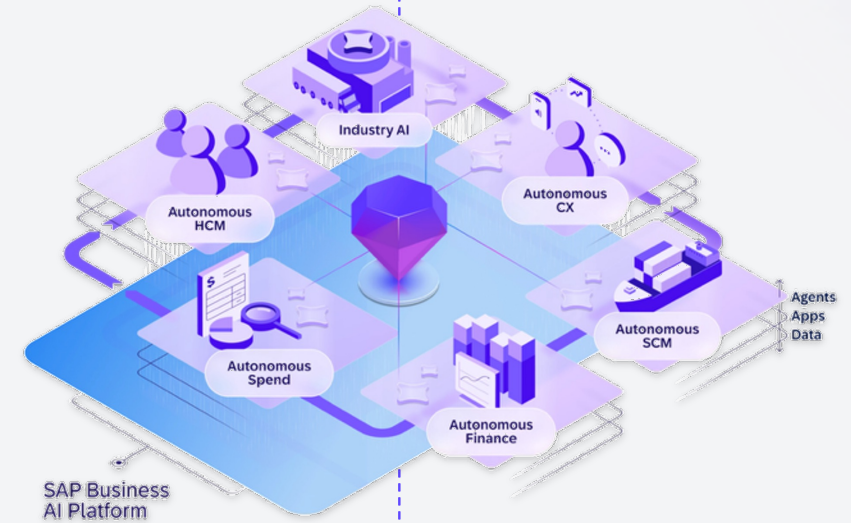
Market-driven

**Adapt quickly.
Own your supply
chain. Delight your
customers.**

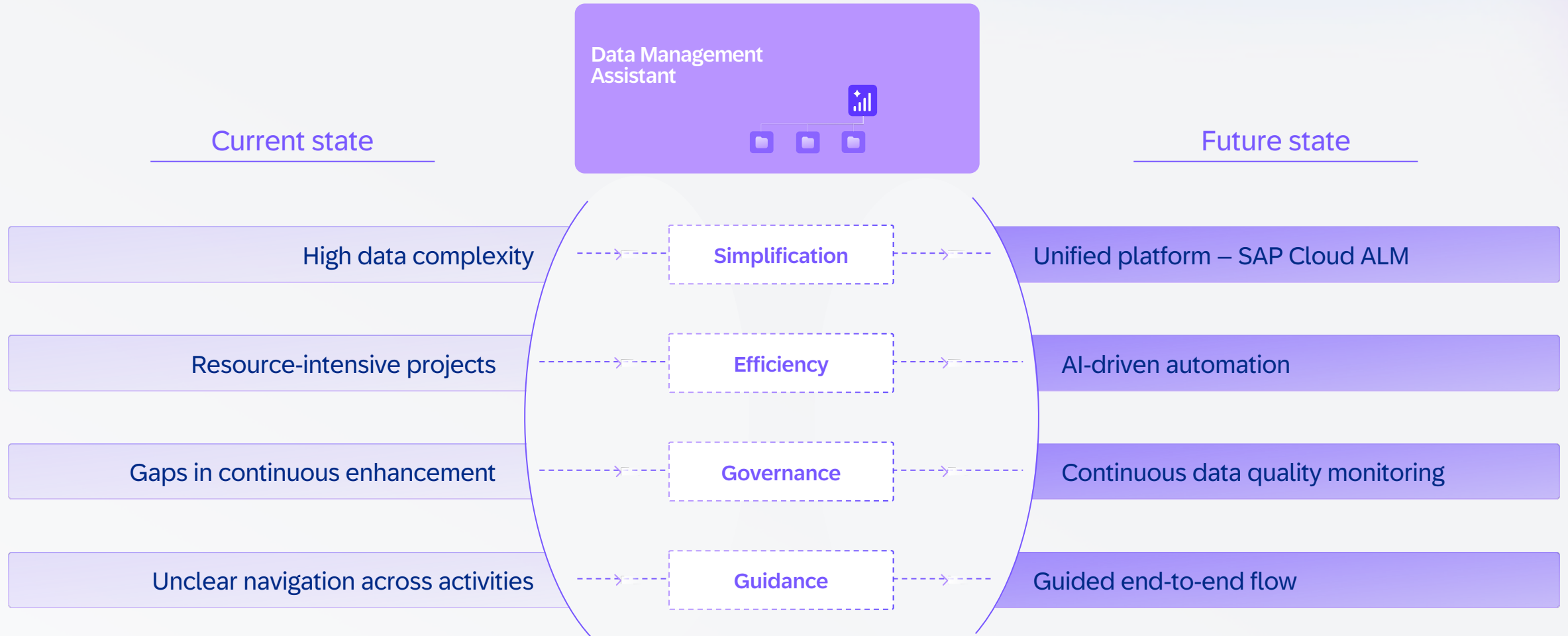


Tech-driven

**Move fast.
Secure budget.
Lower IT costs.
Own your tech.**



Migration and Modernization – Data Management Assistant



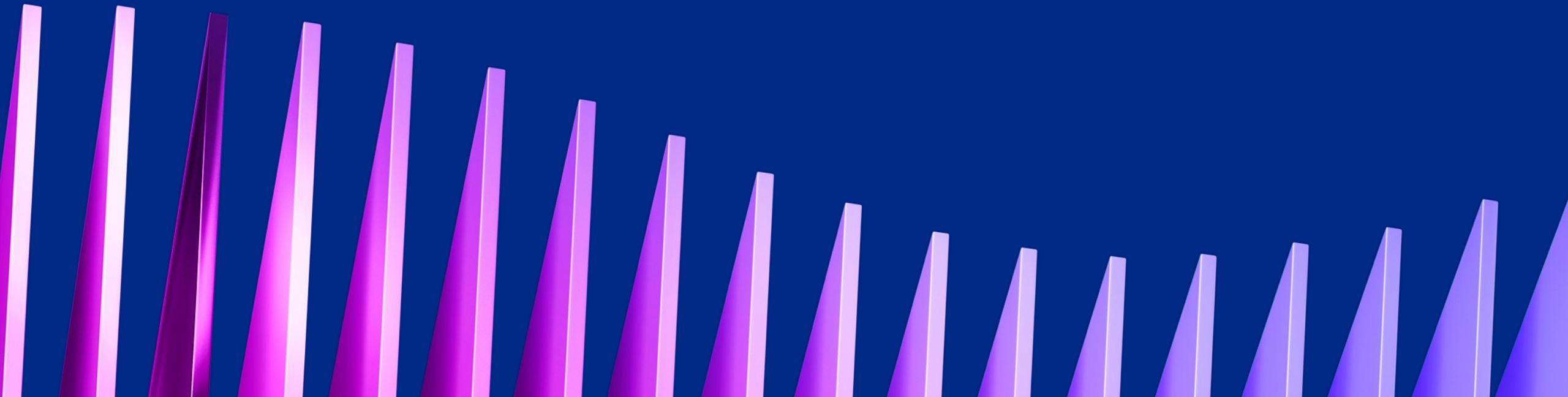
Welcome to Data Management

The Data Preparation Solution for Cloud Transformations

Data Management Solution		Data Management Assistant & Agents	
Existing Data Management capability running in SAP Cloud ALM (BTC)	WHAT	AI-powered assistant built on top of the Data Management solution as part of the Migration & Modernization Assistants portfolio	
First release in December 2025	AVAILABILITY	In development	
Efficient transparency and governance of migration-related data quality and scope decisions	PURPOSE	Higher reduction of effort, complexity and decision-making overhead through AI-supported automation	
Supports system data preparation and governance with clear transparency and guidance towards transition	VALUE	Faster and more predictable transformations, lower cost and risk	
Dashboard driven data analysis and execution in single point of view for multiple functional areas	USER EXPERIENCE	Conversational and agent-driven experience with 6 specialized AI agents	
Available for all SAP Cloud ALM entitled users	COSTS	Paid via AI Credits	

Data Management

Core Solution in SAP Cloud ALM



Data Management Steps

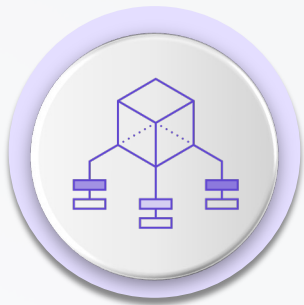
Core Solution

Data Management is a capability within SAP Cloud ALM that helps customers prepare their ECC systems for a transition to SAP S/4HANA Cloud Private Edition. Connected via the Cloud Connector, it runs KPI-based analyses that detect data inconsistencies across Finance, CVI, Material Management, and Production Planning. Each KPI describes the issue, its business impact, and a recommended resolution. Customers can prioritize findings, track trends over time, and execute corrections directly from SAP Cloud ALM.

CONNECT

Securely connect your system to SAP Cloud ALM

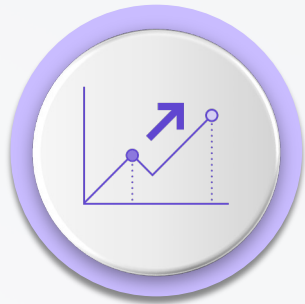
Real-time insights.



ANALYZE

Identify data issues and risks using KPIs and AI-enabled checks.

Continuous data transparency.



DECIDE

Translate insights into prioritized actions.

Business relevant recommendations.



IMPROVE

Execute corrections and validate outcome.

Controlled and scalable remediation.



GOVERN

Orchestrate execution across systems and timelines and continuously monitor.

Reliable transition execution



Solution demo

Core Solution

The core Data Management solution in SAP Cloud ALM is the central platform for data preparation and governance during transformation projects. It combines data quality analysis, usage and retention insights, and remediation tracking into a single guided experience, helping customers improve data readiness, reduce risk, and accelerate their move to SAP Cloud ERP.

SAP

Manage Data Assessments

Search

Q

Editing Status:

All

Source Product:

SAP ECC

Target Product:

SAP S/4HANA

Status:

All

Time Range:

Jan 26, 2024 - May 27, 2025

Changed By:

Erika Mustermann X 2 More

Go Adapt Filters (5)

^

☆

Data Assessments (4)

Create Delete ⚙️ 📄

☐	Name	Source Product	Target Product	Source System Name	Source Client	Changed On	Changed By	Status	
☐	Data Quality Assessment EMEA	SAP ECC	SAP S/4HANA	S61	002	May 27, 2025, 8:28:01 AM	Erika Mustermann	Active	>
☐	Data Quality Assessment 2	SAP ECC	Ariba	S65	004	May 22, 2025, 8:28:01 AM	Max Mustermann	Active	>
☐	Data Quality Assessment 3	SAP ECC	SAP S/4HANA	S61	001	May 12, 2025, 8:28:01 AM	Erika Mustermann	Active	>
☐	Data Quality Assessment 4	SAP ECC	SAP S/4HANA	S1Q	100	May 6, 2025, 8:28:01 AM	Max Mustermann	Active	>

SAP

Manage Data Assessments

New: Data Assessment

Data Assessment

^

☆

General

Name: *

Data Quality Assessment EMEA

Description:

Source Product:

SAP ECC

Target Product:

SAP S/4HANA

Source Product Details

To add a new system connection, follow the instructions in our user application help located on the SAP Help Portal

X

System: *

85 KPIs available in SAP Cloud ALM

19 Customer Vendor Integration KPIs

2a	Incorrect industry value in Vendor Master
2b	Incorrect industry value in Customer Master
4a	Invalid vendor email
4b	Invalid customer email
6a	Incorrect transportation zone maintained in Vendor Master
6b	Incorrect transportation zone maintained in Customer Master
9	Count of possible entries of customer & vendor masters that can be synchronized as one Business Partner
12	Count of employee vendors (employee linked to Vendor Master)
13	Count of employee customers (employee linked to Customer Master)
20a	Invalid trading partner entry in Vendor Master
20b	Invalid trading partner entry in Customer Master
21a	Missing bank account holder information in Vendor Master
21b	Missing bank account holder information in Customer Master
26a	Form of address for employee Vendors
26b	Form of address for employee Customers
28	Vendors marked for deletion (central deletion flag set)
29	Customers marked for deletion (central deletion flag set)
32a	Count of Vendor master with entries in deprecated Data line and Telebox fields
32b	Count of Customer master with entries in deprecated Data line and Telebox fields

85 KPIs available in SAP Cloud ALM

62 Finance KPIs

20	Zero-Balance Clearing accounts are inconsistent
21	BSEG table does not contain any items
22	BSEG_ADD table does not contain any items
220	Fields in BSIS and BSEG do not match
221	Fields in BSAS and BSEG do not match
222	Fields in BSID and BSEG do not match
223	Fields in BSAD and BSEG do not match
224	Fields in BSIK and BSEG do not match
225	Fields in BSAK and BSEG do not match
226	Fields in FAGLBSIS and BSEG do not match
227	Fields in FAGLBSAS and BSEG do not match
228	Fields in FAGLBSIS and BSEG_ADD do not match
229	Fields in FAGLBSAS and BSEG_ADD do not match
23	BSEG table contains items
24	BKPF table does not contain any document header information
25	BSEG_ADD table contains items
334	Open item in BSEG, missing in BSIS (but available in BSAS)
335	Open item in BSEG, missing in BSID (but available in BSAD)
336	Open item in BSEG, missing in BSIK (but available in BSAK)
337	Open item in BSEG, missing in FAGLBSIS, available in FAGLBSAS
338	Open item in BSEG_ADD, missing in FAGLBSIS, available in FAGLBSAS
339	Item exists in the BSEG table but missing in the BSIS and BSAS index tables
340	Item exists in the BSEG table but missing in the BSID and BSAD index tables

85 KPIs available in SAP Cloud ALM

62 Finance KPIs

341	Item exists in the BSEG table but missing in the BSIDK and BSAK index tables
342	Item in BSEG but missing in the FAGLBSIS/FAGLBSAS index tables
343	Item in BSEG_ADD but missing in the FAGLBSIS and FAGLBSAS tables
355	Duplicate entry in the BSAS table
356	Duplicate entry in the BSID table
357	Duplicate entry in the BSAD table
358	Duplicate entry in the BSIK table
359	Duplicate entry in the BSAK table
360	Duplicate entry in the FAGLBSIS table
361	Duplicate entry in the FAGLBSAS table
372	Entry in BSIS with missing archiving flag (xarch field)
374	Entry in BSID with missing archiving flag (xarch field)
375	Entry in BSAD with missing archiving flag (xarch field)
377	Entry in BSAK with missing archiving flag (xarch field)
392	Shifted BUZEI, but no matching account
394	Shifted BUZEI, but no cancellation document
395	Shifted BUZEI, but no posting via accounting interface
504	Document Date (BLDAT) of BKPF is initial
505	Posting Date (BUDAT) of BKPF is initial
506	Currency (WAERS) of BKPF is initial
577	Open item flag in SKB1 differs from open item flag in BSEG
578	Open item flag in BSEG differs from open item flag in SKB1
579	Open item flag in SKB1 differs from open item flag in BSEG_ADD

85 KPIs available in SAP Cloud ALM

KPIs live

580	Open item flag in BSEG_ADD differs from open item flag in SKB1
587	The KSL field in the FAGLFLEXA table contains an amount value when it should be zero for the specified ledger
592	Clearing specific to ledger groups differs in SKB1, BSEG
593	Clearing specific to ledger groups differs in BSEG, SKB1
594	Clearing specific to ledger groups differs in SKB1, BSEG_ADD
595	Clearing specific to ledger groups differs in BSEG_ADD, SKB1
596	Line-item display flag in SKB1 differs from that in BSEG
597	Line-item display flag in BSEG differs from that in SKB1
70	No entry in the BSEG table for line item that exists in the FAGLFLEXA table
71	No entry in BSEG_ADD for this line item of FAGLFLEXA
72	No entry in the FAGLFLEXA table for line item that exists in the BSEG table
ML-22	Entries exist in the CKMLHD table but no entry in the xBEW tables

3 Material Management

1	Company code in the material document not found in T001
3	Orphaned MSEG entries without their MKPF header records
9	Material document in table MKPF with missing posting date

1 Production Planning

17	MRP area to be defined for current storage location planning setup
----	--

Conditions and Restrictions

Platform Dependency

Requires SAP Cloud ALM as execution platform

Transformation Scope

Primarily designed for SAP S/4HANA transformation scenarios (SAP Cloud ERP > SAP S/4HANA Cloud)

Technical Conditions

Requires system connectivity (e.g. ECC → Cloud ALM integration), proper setup and installation (including add-ons and access)

Data Access Restriction

Works on extracted / aggregated data only (no full data replication)

Content Limitations

Current scope focused on selected functional areas in Core ERP (e.g. Finance, Customer Vendor Integration, Material Master, and Production Planning) with gradual expansion planned

Implementation Guide

This guide is your quick and easy reference to get going with Data Management in SAP Business Transformation Center. More detailed information can be found in our [Quick Start Guide](#).



Subscribe SAP Cloud ALM

Data Management is part of SAP Business Transformation Center, which is included in your SAP Cloud ALM subscription.



Review Data Management

Check out the following resources for the latest updates on features, FAQ and other considerations.



Set up authorizations and roles

You need to configure authorizations and roles to access all features of Data Management.



Connect your system(s)

Use the Landscape Management Service (LMS) to connect to your source system.



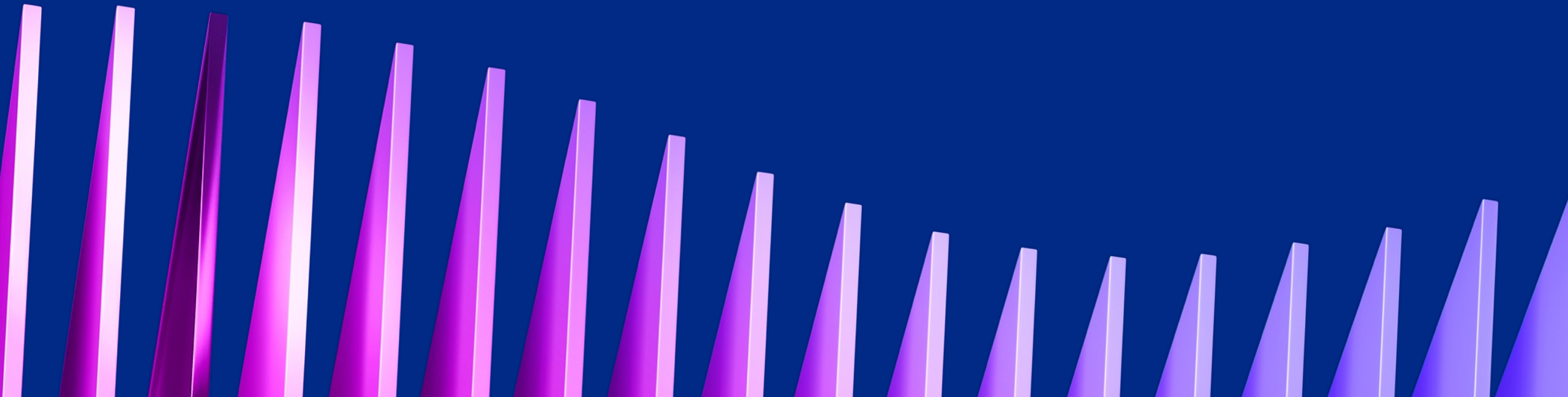
Create an Assessment

You are now ready to go. Start with the three apps in sequence: Manage Data Assessments → Manage Runs → Analyze Data Quality

Current State & Outlook

	Data Quality	Relevancy & Retention	Remediation	AI
Q4 2025	18 KPIs (FIN, CVI)			
Q2 2026	85 KPIs (FIN, CVI, MM-IM, PP) 1400 potential KPIs identified		Correction Runs	
Q3 2026	120 KPIs (+ additional domains)	DB Usage Analysis Obsolete Materials Duplicate Materials	Approval Flow	Scope Agent (EAC) Evaluation Agent (EAC) Prioritization Agent (EAC)
Q4 2026	146 KPIs (+ additional domains)	Archiving Setup Check	Validation Agent (EAC) Automated Resolution Agent (EAC)	Content Agent
planned	Migration Validation, Sovereign Cloud (NS2), Solution Extension (e.g. ECC > SuccessFactors), System Integration with Signavio, and LeanIX			

Data Management Assistant & Agents



Agent-led Transformation delivered through Agent-Led Toolchain



Guided by RISE with SAP Methodology

◆ Agent-led toolchain



Business Transformation • End-end orchestration of value-based business transformation and continuous improvement



Migration and modernization • Fast-track migration, drive continuous optimization, manage complexity, and reduce costs

 LeanIX

•  Signavio



• SAP Build + Integration Suite

• Syniti

•  Tricentis™

•  opentext™

•  walk me
An SAP company

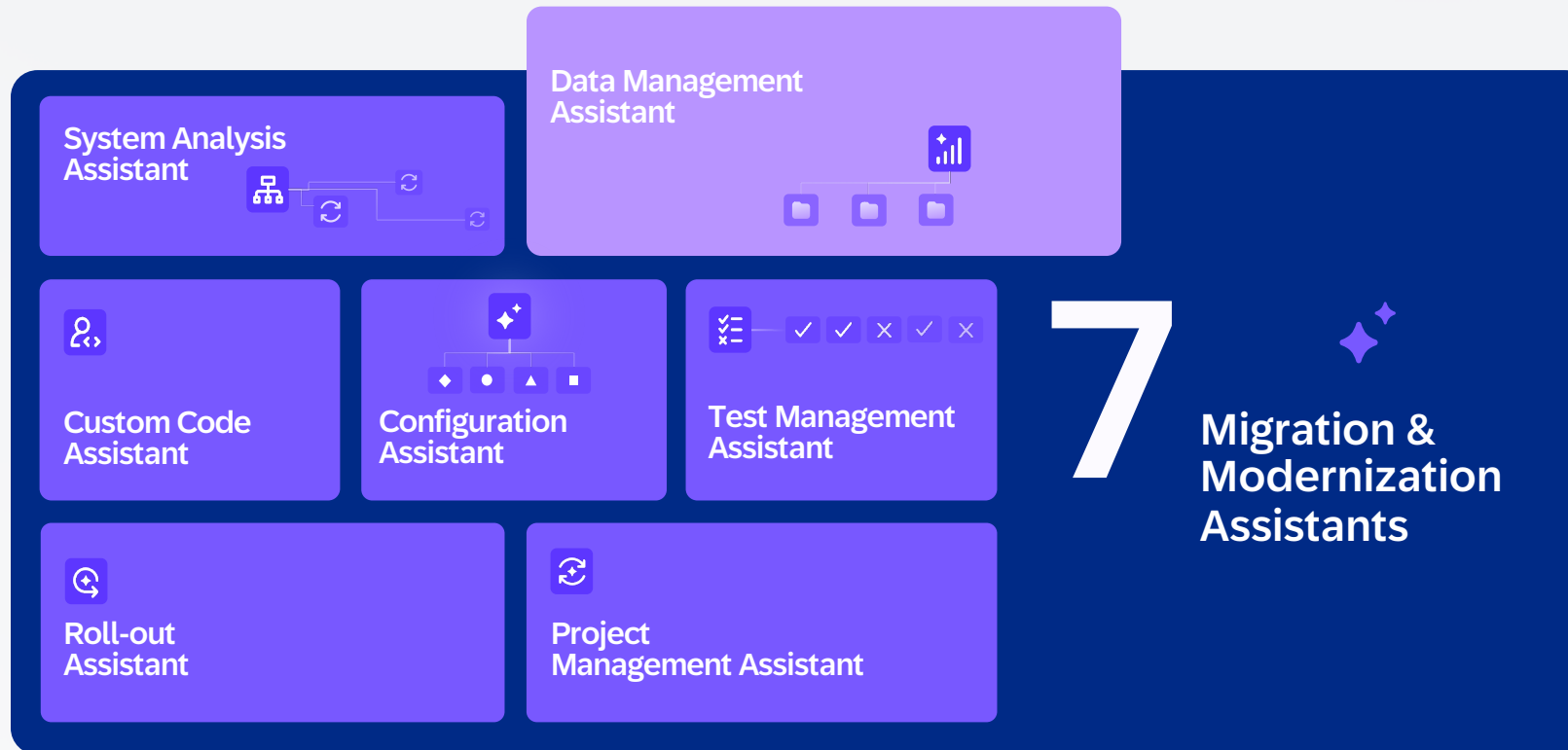


Joule for Consultants

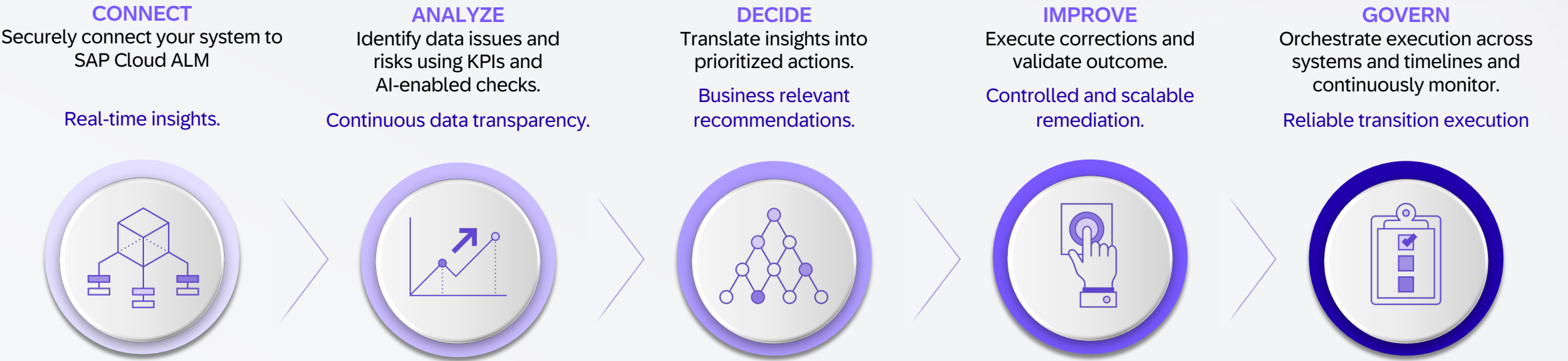


Joule for Developers

Introducing seven migration and modernization assistants



Data Management Steps supported by our Assistant



Supported by the Data Management Assistant

Scope Selection Agent I

Scope Selection Agent II

Prioritization Agent

Validation Agent

Automated Resolution Agent

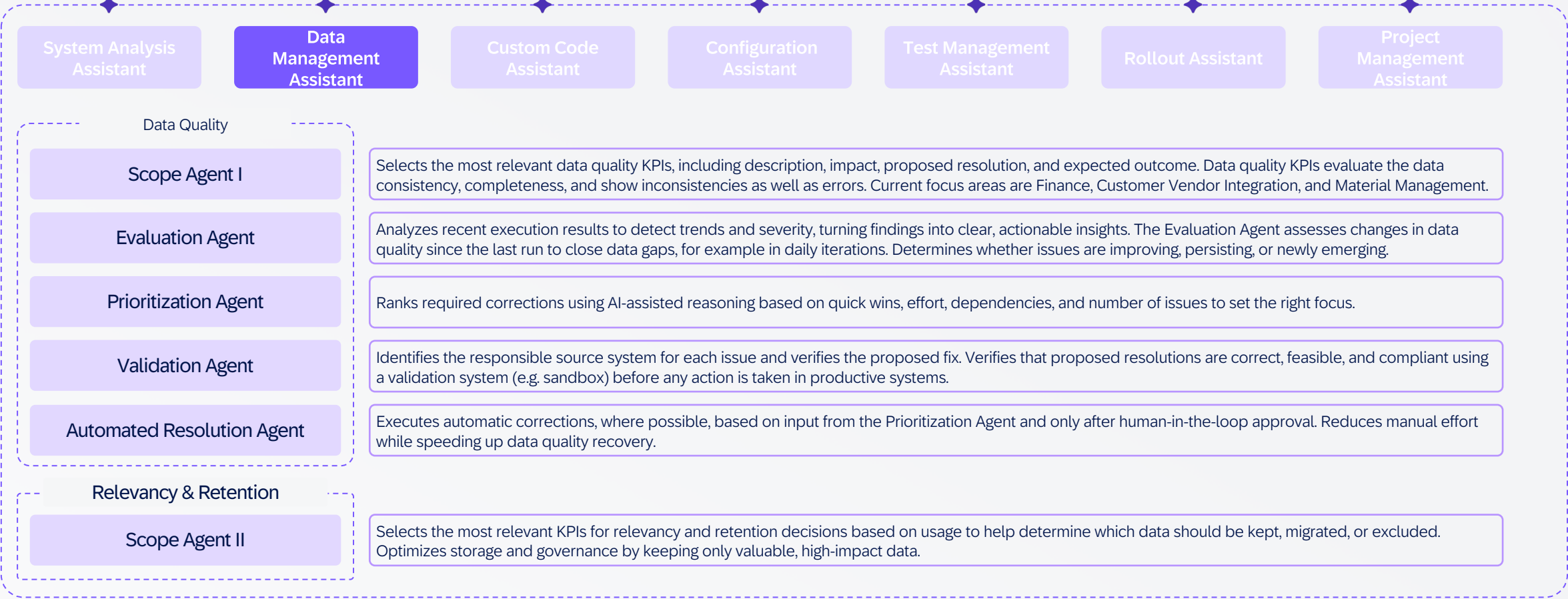
Evaluation Agent

A decision defined once – executed and enforced continuously across millions of data records.

Data Management Assistant details



Migration and Modernization Assistants



A new experience for data management and migration

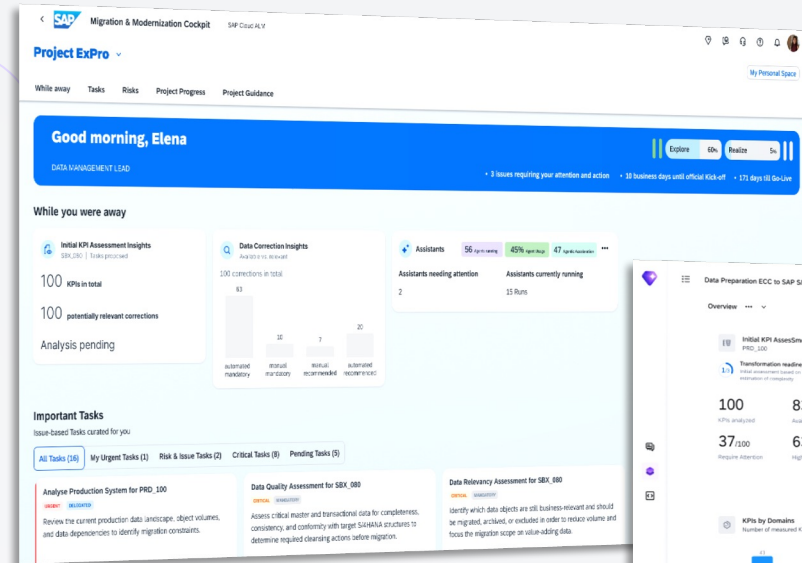
ATLAS Enterprise moving from ECC 6.0 to SAP Cloud ERP Private



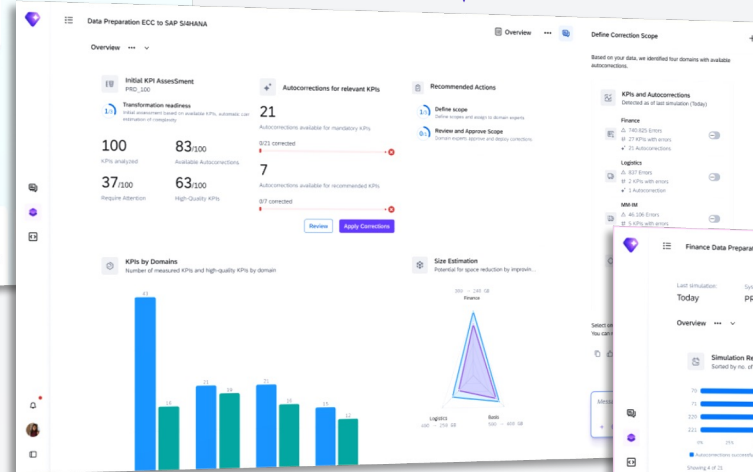
Elena
Data Mgmt. Lead



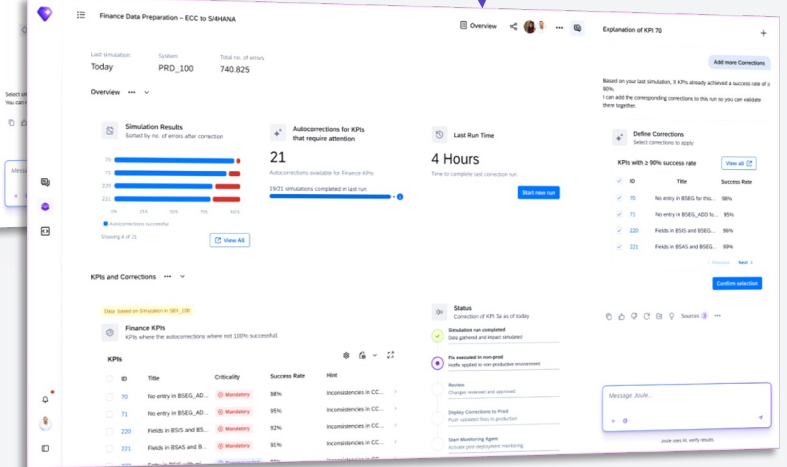
Aaron
Finance Expert



Analyzes data landscape and dependencies to identify migration constraints



Handover to Finance Expert to validate data inconsistencies and approve correction recommendations



End-to-End experience

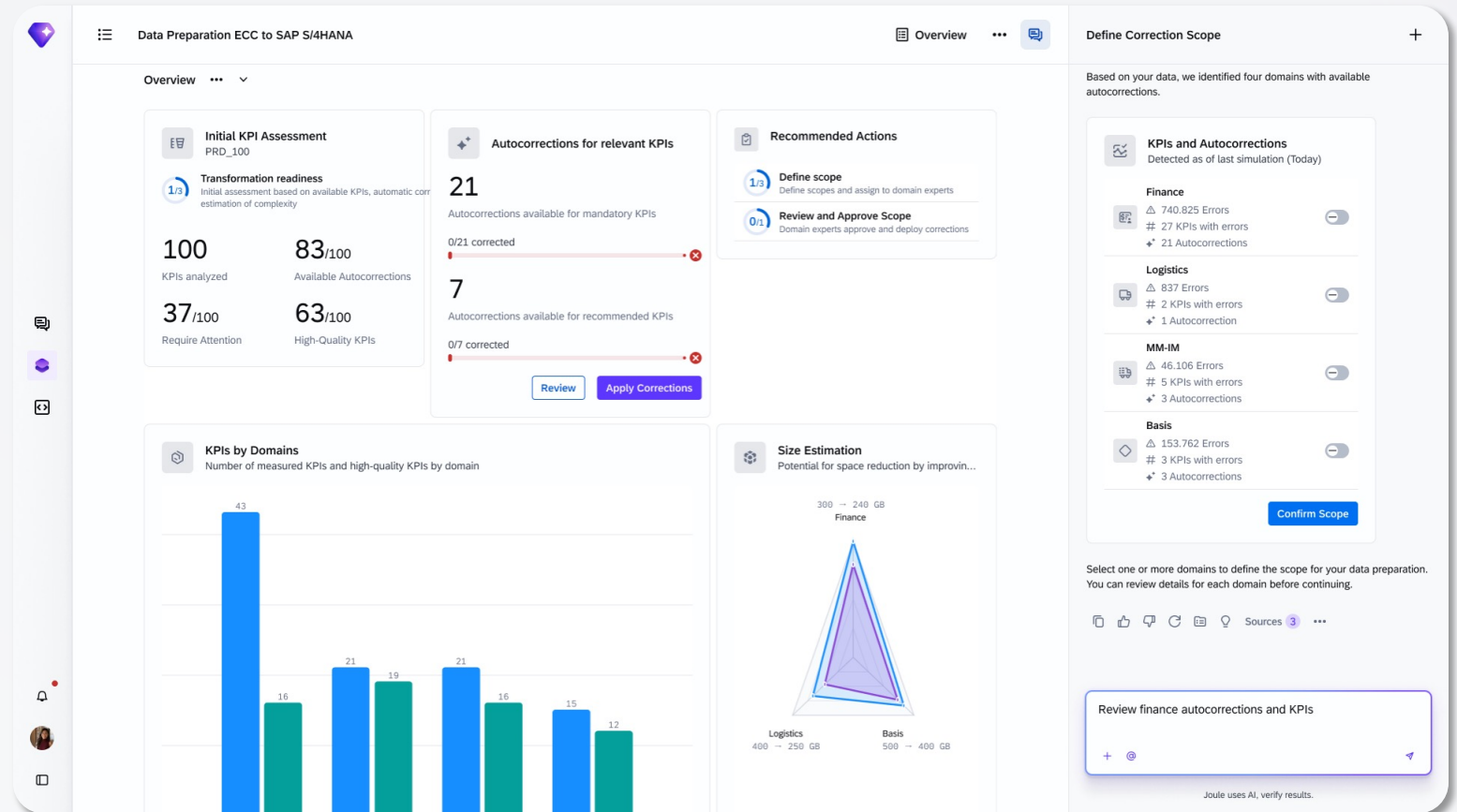
All in one place

Through Joule as the user interface, the Data Management agents turn complex processes into a guided journey. With a simple request, the system performs analysis, highlights issues, prioritizes risks, and proposes corrections.

Using the Spaces concept, users can easily collaborate by working together in the same context while interacting with Joule and leveraging the agent capabilities.

Before execution, all actions are validated in test environments.

[Watch recorded demo with voice over here.](#)



Key take-aways



Data Management Assistant enables a faster and more predictable transformation



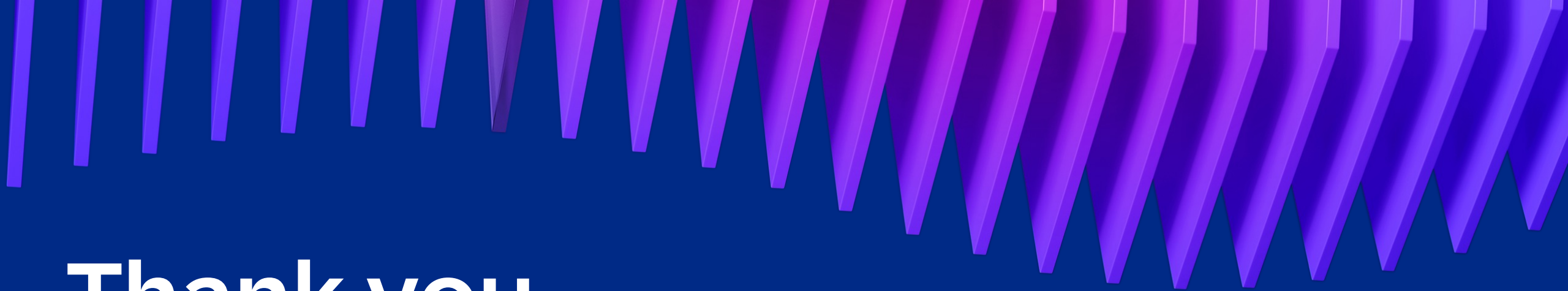
25% reduction of Data Preparation efforts



Only relevant Data in the right Quality



Q&A



Thank you.

Helen Sontowski

AI-based Migration
Product Manager Data Management
Walldorf, Germany
helen.sontowski@sap.com

