

Post CH: Liquiditätsoptimierung dank KI in der Business Data Cloud (BDC)



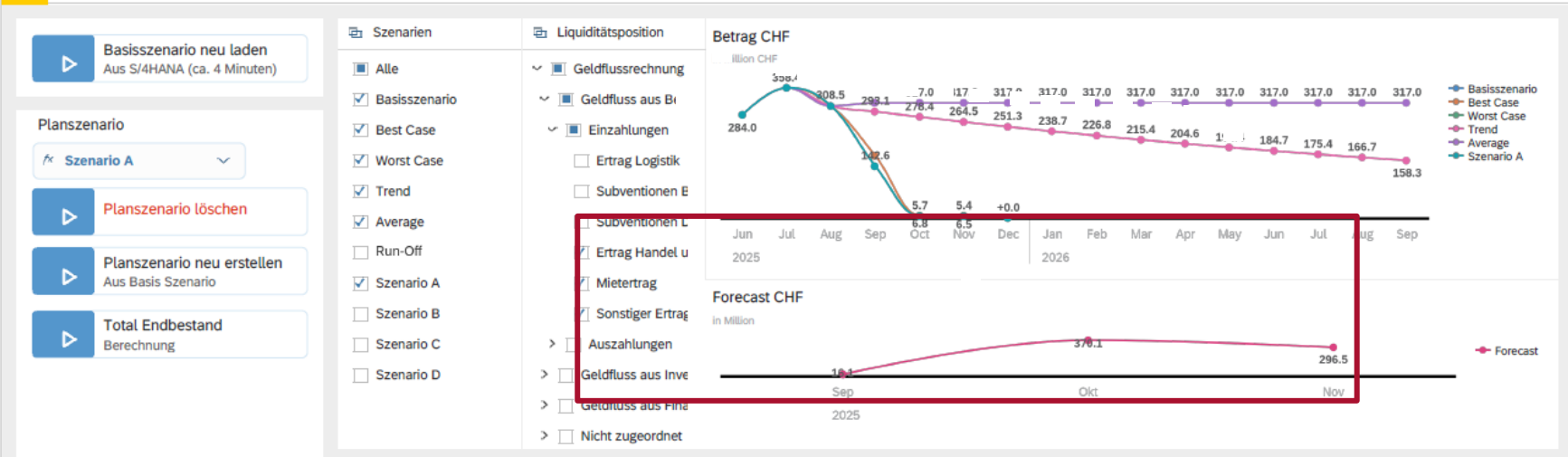


Herausforderung



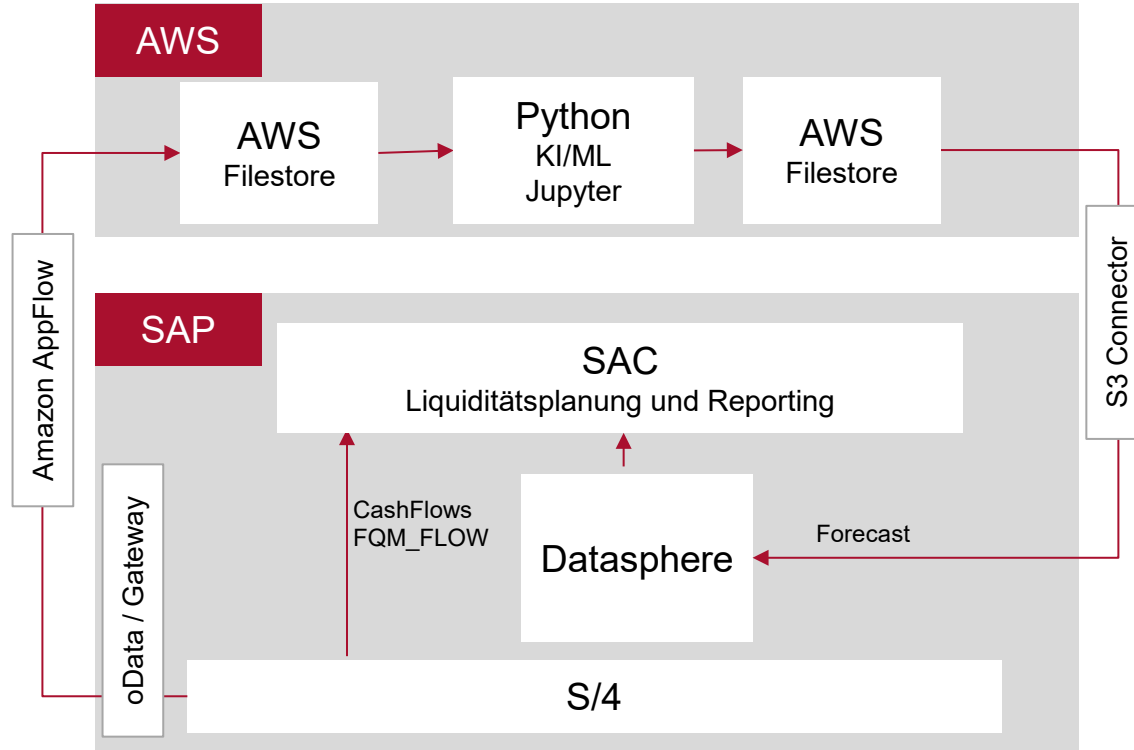
Treasury Liquiditätsplanung - Erstellung und Planung von Szenarien

Moritz Alexander Scherrer
Sept. 30, 2025 - 7:31





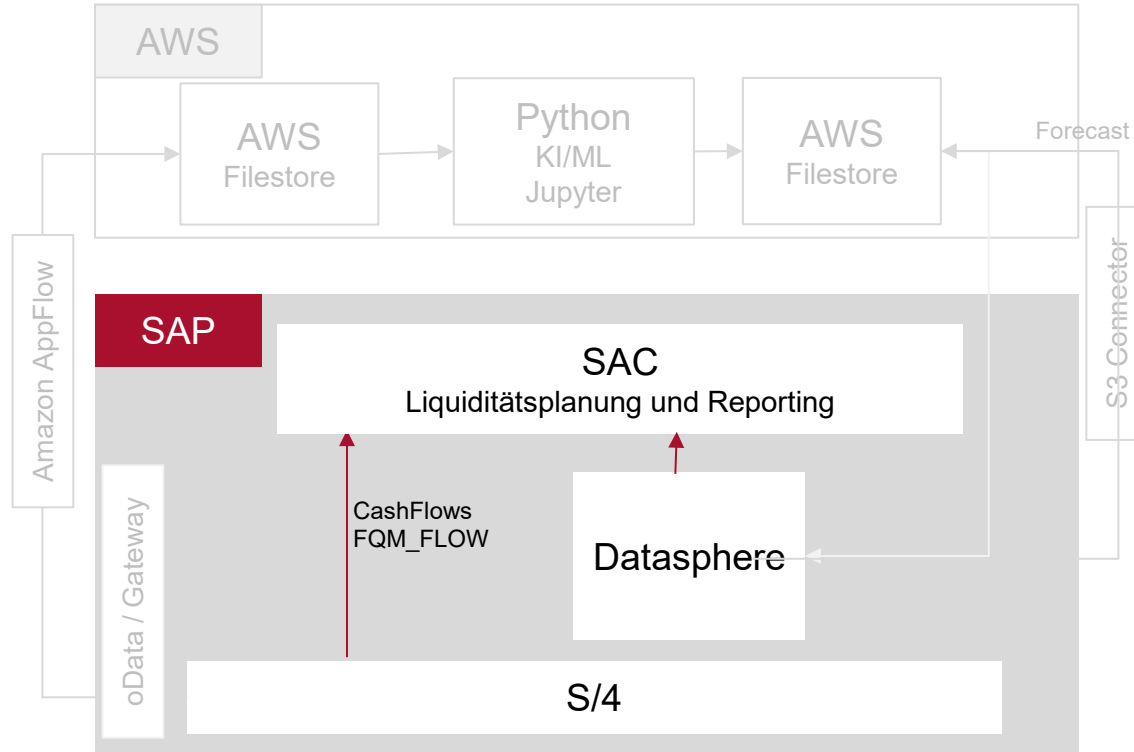
Aktuelle Lösung mit AWS



- **Datenredundanz**
 - Daten wechseln Plattform
 - verschiedene Formate
 - Massenextraktion / Deltaloads
 - Garantie Datenqualität
- **Datenrückfluss**
- **Schnittstellen**
- **Berechtigungen**
- **Komplexität**



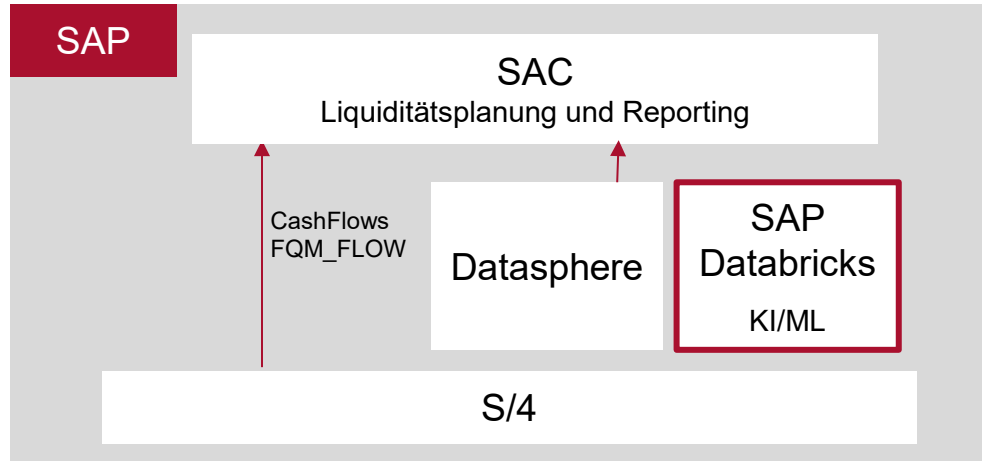
Potential mit BDC – KI/ML direkt in SAP



- Datenredundanz ✓
- Verlassen Post-Plattform
- Formate
- Massenextraktion / Deltalloads
- Datenqualität
- Datenrückfluss ✓
- Schnittstellen ✓
- Berechtigungen ✓
- Komplexität ✓

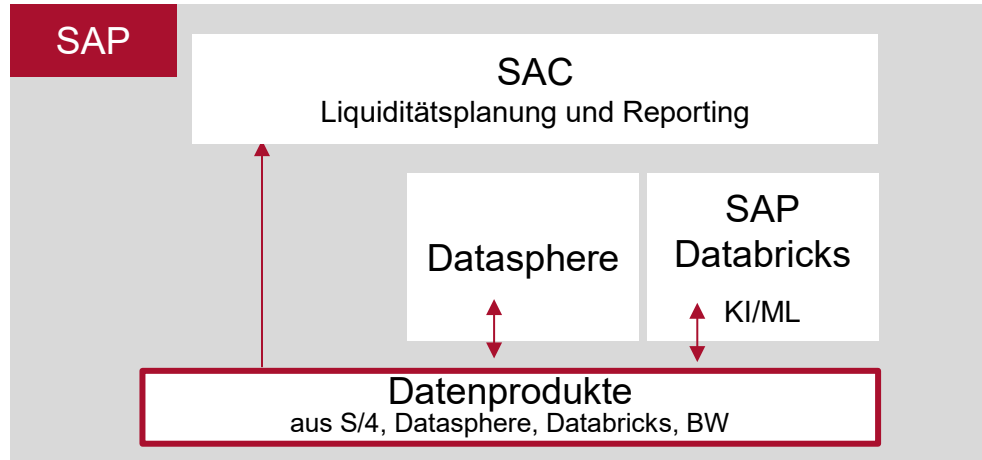


SAP Databricks: neue Komponente für KI/ML



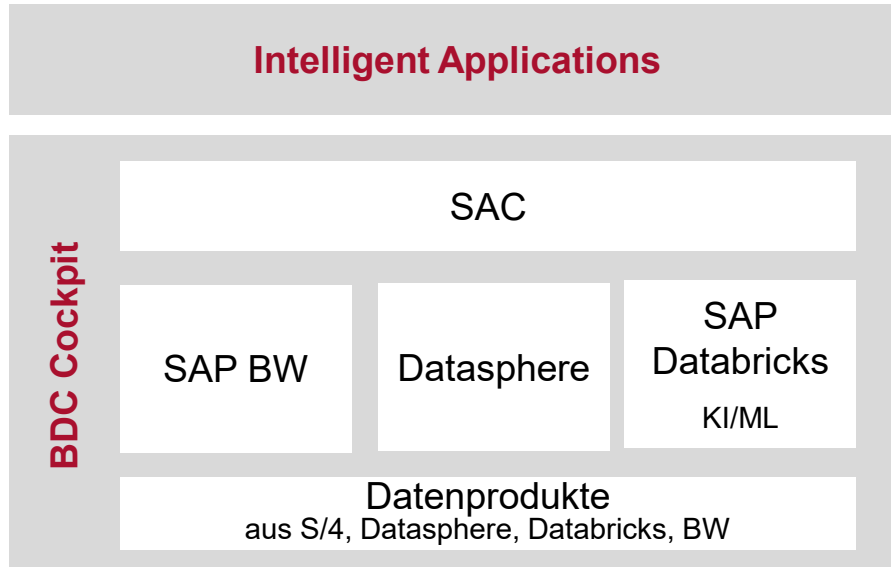


Datenprodukte als Schnittstelle



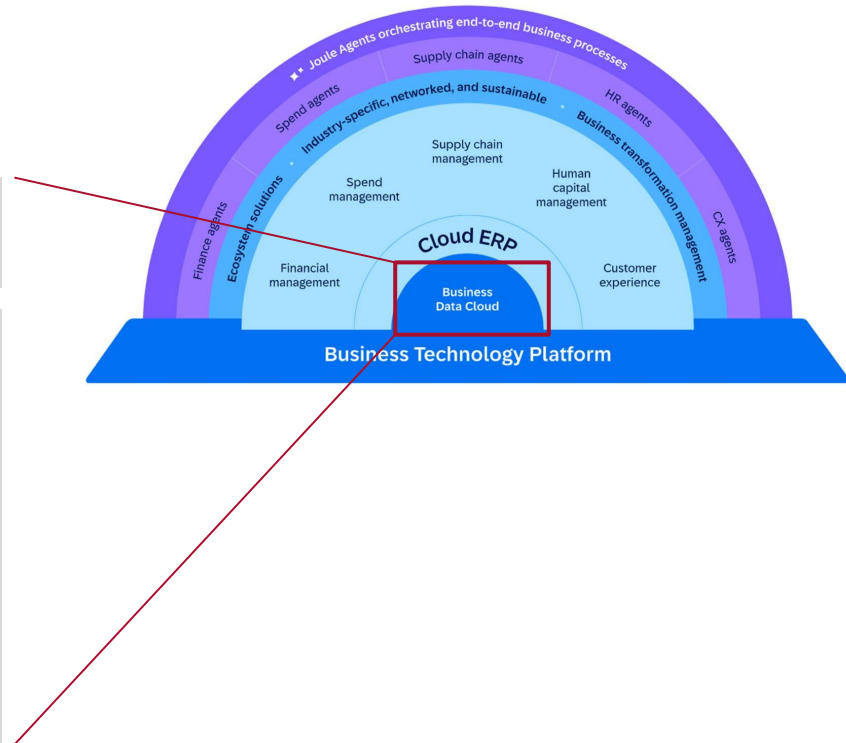
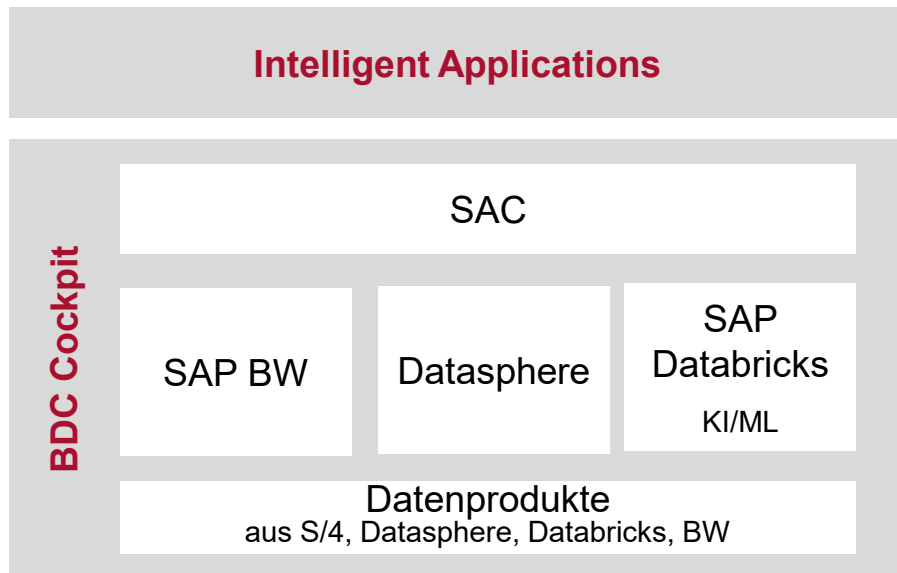


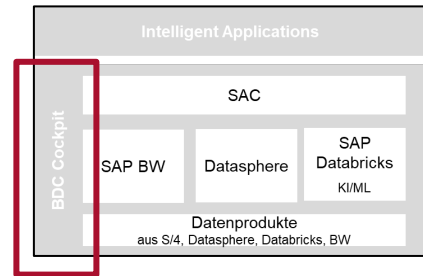
BW, BDC Cockpit und Intelligent Applications





SAP BDC ist zentraler Teil der Business Suite





Home - SAP Business Data Cloud

vp-re.eu10.hcs.cloud.sap/bdc-ui/index.html#/bdc_home

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SAP Home

Welcome to SAP Business Data Cloud Cockpit

SAP Business Data Cloud is a fully managed SaaS solution for data and analytics with a suite of pre-built applications connecting to your most important business processes, giving line-of-business leaders complete context to make faster decisions.

[Learn More](#)

My Applications and Packages

Name	Type	Source System	Install Location	Status
SAP Accounting and Financial Close ...	Data Package	HE4_400_RE		Update Available
SAP Sales Data Products (SAP S/4HA...	Data Package	HE4_400_RE		Update Available
SAP Group Reporting Data Products ...	Data Package	HE4_400_RE		Update Available
SAP Manufacturing Data Products (S...	Data Package	HE4_400_RE		Active
SAP Supply Chain Data Products (SA...	Data Package	HE4_400_RE		Active

Latest Applications and Packages

SAP Cross Applications Data Produ...
Data Package
This Data Package contains Data Products for the SAP S/4HANA Cloud Private Edition area Cross Applications

SAP Group Reporting Data Products...
Data Package
This Data Package contains Data Products for the SAP S/4HANA Cloud Private Edition area Group Reporting

System Landscape - SAP Business Suite

vp-re.eu10.hcs.cloud.sap/bdc-ui/index.html#/bdc_systemLandscape

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SAP System Landscape

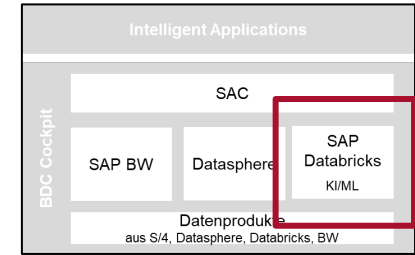
Home Intelligent Applications and... Search System Landscape Apps

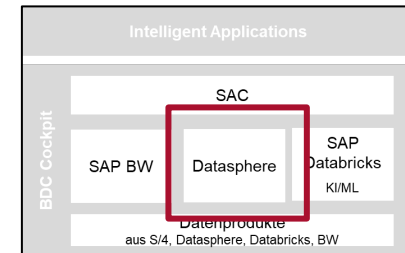
System Landscape

vp-re-for (4) Search

System Name	System Type	System Version	URL
HE4_400_RE	SAP S/4HANA Cloud Private E...	2023	vhcalhe4ci.dummy.nodomain
databricks-7f8689bb	SAP Databricks		https://accounts.cloud.databric...
vp-re-dsp.eu10	SAP Datasphere (cf-eu10)		https://vp-re-dsp.eu10.hcs.clou...
vp-re-sac.eu10	SAP Analytics Cloud (cf-eu10)		https://vp-re-sac.eu10.analytics...

About





System Landscape - SAP Business Data Cockpit

Home - SAP Datasphere

Search - SAP Business Data Cockpit

NID Demo CashFlow Forecast

vp-re.eu10.hcs.cloud.sap/bdc-ui/index.html#/bdc_systemlandscape

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SAP System Landscape

System Landscape

vp-re-for (4)

System Name	System Type	System Version	URL
HE4_400_RE	SAP S/4HANA Cloud Private E...	2023	vhcalhe4ci.dummy.nodomain
vp-re-sac.eu10	SAP Analytics Cloud (cf-eu10)		https://vp-re-sac.eu10.analytic...
databricks-7f8669bb	SAP Databricks		https://accounts.cloud.databric...
vp-re-dsp.eu10	SAP Datasphere (cf-eu10)		https://vp-re-dsp.eu10.hcs.clo...

SAP Data Builder | PABDCRETR292 | Data Flow - NID_DataFlow

Home
Repository Explorer
Catalog & Marketplace
Apps
Semantic Onboarding
Business Builder
Data Builder
Data Integration Monitor
Connections

General View Edit Tools

Repository Sources

All

Search In: "All"

All (189)

- Accounting and Financial Clos...
- Cross Applications (cross)
- Database and Data Managem...
- Financial Operations (fio)
- Group Reporting (gr)
- Manufacturing (mfg)
- RnD Engineering (rnd)
- Sourcing and Procurement (pur)
- NID_CashFlowPrediction
- NID_CashFlow_Consolidated_...
- Cash Liquidity Actual Flow f...
- cashflowprediction
- Fiscal Year For Fiscal Year V...
- Functional Area Hierarchy N...
- G/L Account Hierarchy Node...

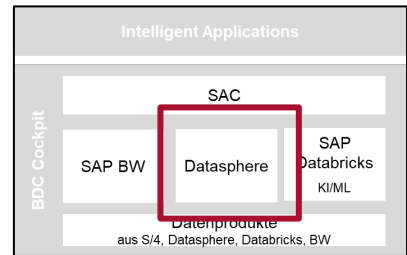
Show More

Space Management
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Data Sharing Cockpit
About

Operators

nid_demo_2-v... Source
Projection 2
Union 1
NID_CashFlow... Target

Remote.S4H.C... Source
Projection 1



System Landscape - S/4 X NID_Cash_Flow_Actual X NID_DataFlow (Data F X NID_CashFlow_Conso X NID Demo CashFlow X +

vp-re.eu10.hcs.cloud.sap/bdc-ui/index.html#/bdc_systemLandscape

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SAP System Landscape

Home

Intelligent Applications and...

Search

System Landscape

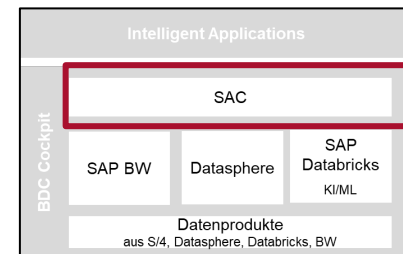
Apps

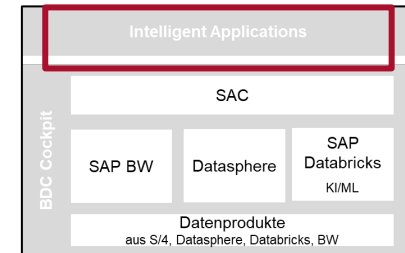
System Landscape

vp-re-for (4) Search

System Name	System Type	System Version	URL
HE4_400_RE	SAP S/4HANA Cloud Private E...	2023	vhcalhe4ci.dummy.nodomain
vp-re-sac.eu10	SAP Analytics Cloud (cf-eu10)		https://vp-re-sac.eu10.analytic...
databricks-7f8689bb	SAP Databricks		https://accounts.cloud.databric...
vp-re-dsp.eu10	SAP Datasphere (cf-eu10)		https://vp-re-dsp.eu10.hcs.clo...

About





System Landscape - S... x Intelligent Application... x SAP_I4_WorkingCapit... x MID Demo Dataproduct... x MID Demo CashFlow... x

vp-re.eu10.hcs.cloud.sap/bdc-ui/index.html#/bdc_packages

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SAP Intelligent Applications and Data Packages

Home

Intelligent Applications and... Available (1) Installed (18)

Search

System Landscape

Apps

Intelligent Applications and Data Packages

Available (1) Installed (18)

Intelligent Applications and Data Packages

Installed applications and packages (18)

Search for Name

Name	Type	Version	Source System	Install Location	Last Modified	Status
Working Capital Ins...	Intelligent Application	1.3.0	HE4...	SAP Datasphere(vp-re-dsp.eu10), SAP Analytics Cloud(vp-re-sac.eu10)	Jun 24, 2025 17:02:39	Update Available
SAP S/4HANA Finan...	Data Package	1.0.1	HE4...		Apr 4, 2025 17:36:21	Active
SAP S/4HANA Cross...	Data Package	1.0.1	HE4...		Apr 4, 2025 17:36:35	Active
SAP S/4HANA Sour...	Data Package	1.0.1	HE4...		Apr 4, 2025 17:36:14	Active
SAP S/4HANA Data...	Data Package	1.0.1	HE4...		Apr 4, 2025 17:38:35	Active
SAP S/4HANA Grou...	Data Package	1.0.1	HE4...		Apr 4, 2025 20:46:27	Active

Jul 21.

About



Fazit

- ▶ BDC schliesst die Lücke, die zwischen dem klassischen SAP-System und «state of the art» KI/ML-Systemen für Data Engineering bestand.
- ▶ Für Kunden mit hohen KI-Ambitionen, wie die Post, ist BDC sehr interessant.
- ▶ Für Kunden, die von SAP fertige KI-Lösungen erwarten, können Intelligent Applications interessant sein. Der Mehrwert wird sich noch weisen müssen.
- ▶ Datenprodukte spielen eine zentrale Rolle, die Handhabung ist zur Zeit noch uneinheitlich. Das soll sich durch den «DataProduct Generator» bald verbessern.
- ▶ Zukunft von SAP BW: Supportverlängerung im Kontext von BDC. Allerdings ist Datasphere das strategische Produkt. Über die Dataproduct-Schnittstelle können Schritt für Schritt BW-Szenarien abgelöst werden.
- ▶ TechEd 2025: mit SAP Snowflake wird Snowflake Teil des BDC «Ecosystem» (neben Databricks und Google Big Query)



Ressourcen

- ▶ **DataProducts:**
<https://community.sap.com/t5/technology-blog-posts-by-members/deep-dive-into-sap-bdc-data-products/ba-p/14125783>
- ▶ **ORD (Open Resource Discovery) Standard:**
<https://open-resource-discovery.github.io/specification/>
- ▶ **Delta Sharing:**
<https://docs.databricks.com/aws/en/delta-sharing/#gsc.tab=0>
- ▶ **Delta Lake / Delta Tables / Parquet:**
<https://docs.databricks.com/aws/en/tables/delta-table#gsc.tab=0>
<https://docs.databricks.com/aws/en/delta/>
- ▶ **Databricks File System DBFS:**
<https://docs.databricks.com/aws/en/dbfs/#gsc.tab=0>

Claudio Casutt
Co-Leiter Reporting & Data Solutions
Die Schweizerische Post AG



Christoph Federer
Consultant
Business Intelligence
NOVO Business Consultants AG



NOVO Business Consultants AG

Bern, Gutenbergstrasse 50

Zürich, Hofwiesenstrasse 349

www.novo-bc.ch