



SAP Business Data Cloud (SAP BDC) is Changing the Game

Organizations have been facing overwhelming challenges managing the vast amounts of data across their multiple solutions, all while trying to ensure accuracy and security. Traditional data management programs have led to inefficiencies and data silos limiting enterprises' ability to make informed choices. Christian Klein, CEO at SAP, emphasized this occurring challenge during the launch of their new SAP Business Unleash initiative. "We need to solve one of the major challenges facing every company today: making the most out of their data," he explained. This is where SAP's new Business Data Cloud (BDC) comes to change the game.

With AI at the center, SAP BDC comes to make enterprises more efficient, data-driven decisions with the backing of interconnected analytics. As organizations increasingly start to depend on AI, SAP BDC ensures that its new solution is built on trusted data. But how will BDC set the foundation for enterprise success?

What is SAP Business Data Cloud?

SAP Business Data Cloud (SAP BDC) is a centralized cloud solution designed to connect business data across multiple systems, enabling seamless integration, real-time analytics, and AI-powered decision-making. With connection to tools like Collibra and Databricks, SAP BDC ensures integrity and compliance for all your data. This fully managed solution simplifies data management by harmonizing SAP and third-party data without requiring extraction or duplication, effectively streamlining enterprise data landscapes.

One of the key benefits of SAP BDC is its ability to orchestrate data across different ERP environments to drive real business value. By breaking down data silos, businesses can leverage high-quality, trusted industry data across multiple applications. This fosters a high-performance, open data ecosystem where organizations can develop a comprehensive understanding of their operations.

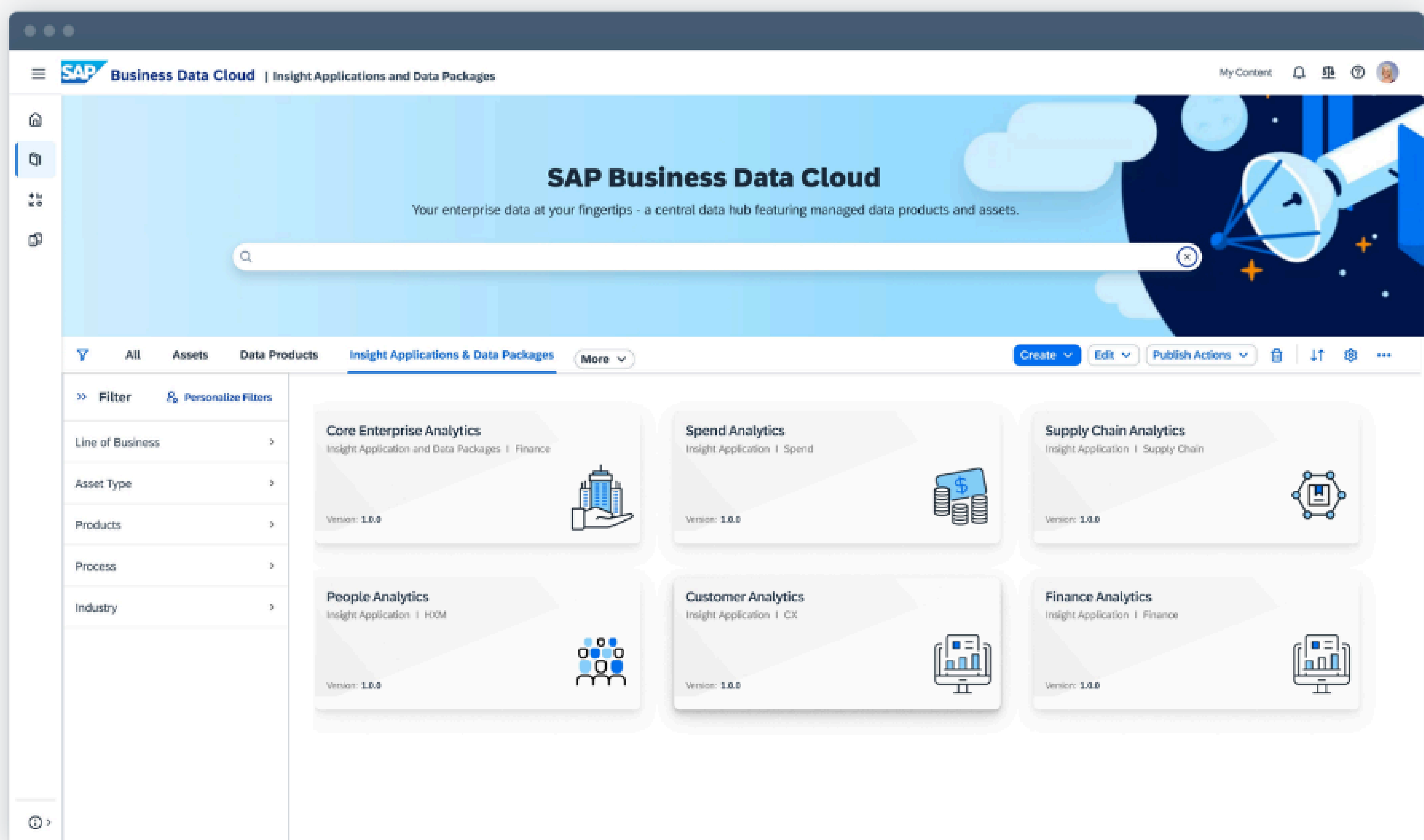
By utilizing a harmonized data model, SAP BDC eliminates the inefficiencies associated with traditional data extraction. Enterprises gain access to trusted, and curated data products without the hidden costs of manual data processing. This streamlined approach accelerates strategic planning and makes AI analytics more accessible to enterprises of all sizes.



AI plays a critical role in SAP BDC's excitement. By providing context to the data, it ensures its reliability and relevance. Organizations can deploy AI models trained on their own data, ensuring that insights are actionable.

Auritas CEO, Deepak Sood, who has been working with enterprises on implementing the new solution assures its new AI capabilities will allow customers to see bankable results. "We see SAP BDC as a catalyst for innovation" he explained. "BDC's AI capabilities, can not only enhance decision-making and automate processes, but drive measurable ROI." Sood explained that, when implemented right, BDC's AI capabilities provide companies the capabilities to use their own data to drive growth.

At the core of SAP BDC's transformation of enterprise data management is its powerful Insight Apps. These prebuilt analytical applications provide advanced capabilities across various business functions, such as finance and supply chain management.



Supporting core business functions such as finance, supply chain, and human resources within SAP systems like S/4HANA, SAP BDC enables organizations to unlock new levels of efficiency and innovation. SAP Business Data Cloud is redefining how organizations manage, analyze, and utilize their data, ensuring a future-proof, AI-powered ecosystem.

Capabilities of SAP Business Data Cloud (BDC):

- Facilitates batch input processing for large-scale data migration.
- Enhances automation and efficiency for data entry and processing.
- Supports integration with third-party applications and analytics tools.
- Ensures data accuracy and validation during migration.
- Enables seamless connectivity with Databricks for advanced analytics and AI-driven insights.

SAP Business Data Cloud collaboration with Databricks

Databricks' lake house architecture offers a unified approach to handling structured and unstructured data. It helps break down silos that, in the past, have made cross-platform data analysis a challenging process. The integration of Databricks with SAP BDC signals a huge advancement in enterprise data analytics and AI, bridging the gap between SAP's robust business applications and Databricks' powerful platform. This collaboration allows businesses to seamlessly integrate data from various sources across multiple data platforms while maintaining strict compliance and governance standards.

SAP BDC is bringing key Databricks functionalities. Delta Sharing, for example, will allow for efficient data harmonization, making it easier for enterprises to access and process data at scale. This will be a critical differentiator for the new BDC environment. In addition, organization will be able to leverage advanced ML and AI workloads to drive automation and analytical insights.

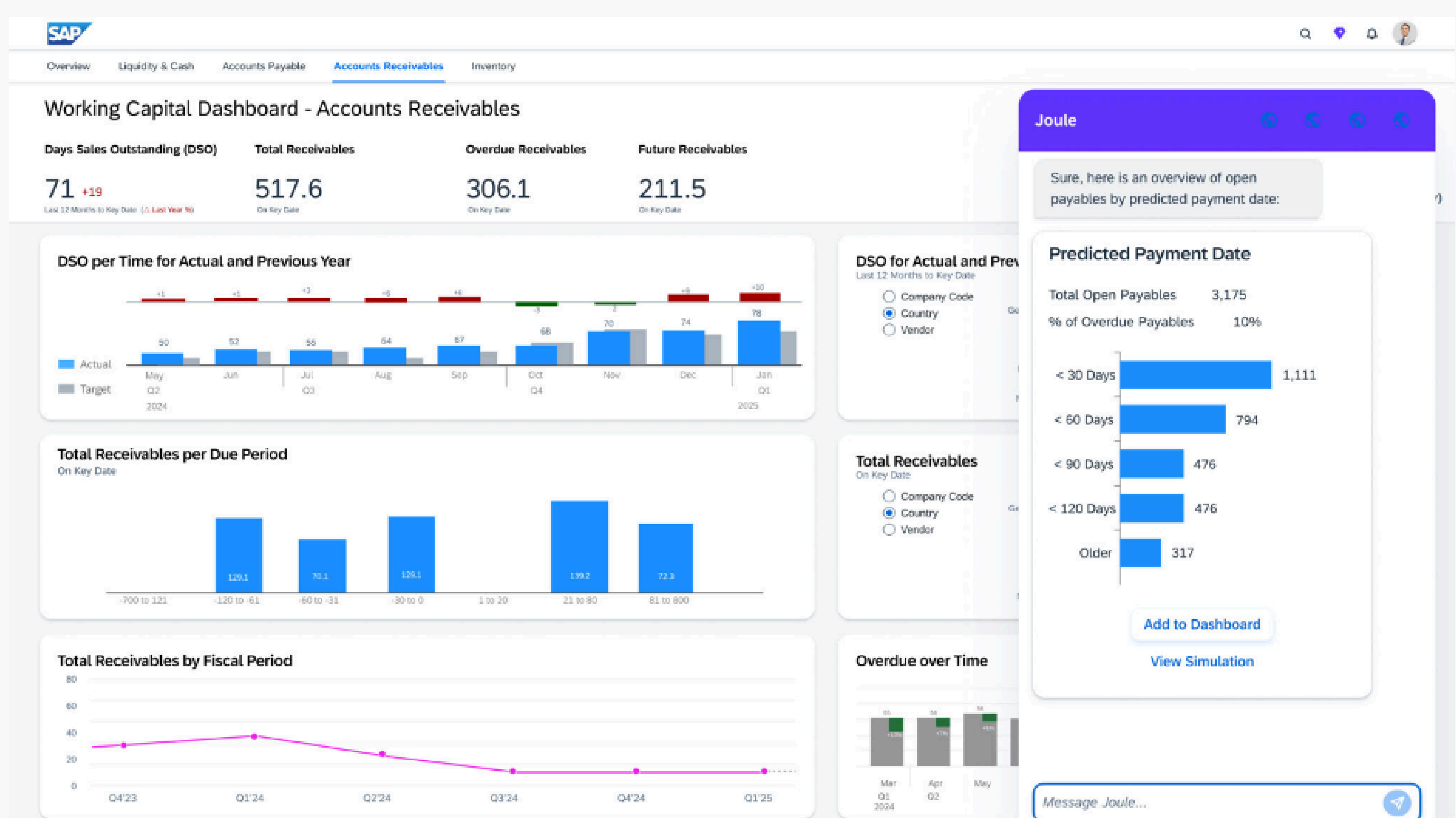
This partnership with Databricks establishes a foundation for enterprises to unlock the power of AI insights. In the past, accessing SAP data within Databricks was a time-consuming process, not anymore. BDC improves accessibility, providing businesses with enriched business semantics and deeper analytical capabilities.

SAP Business Data Cloud AI

With companies relying more and more on AI, it's important to consider its success depends on a consistent data foundation. SAP Business Data Cloud serves as the backbone for ensuring that AI decisions are based on accurate and trusted data enriched with business context. Without a unified data approach, AI risks operating in silos, leading to incomplete, inefficient results.

By integrating all business data into a single, coherent framework, SAP BDC provides the the necessary business context to the AI. Business context is a critical differentiator when using AI for enterprise processes. Data, when embedded with its context, helps AI to understands relationships between processes and roles. This ensures that:

- AI outputs align with real-world business needs.
- Decision-making is more reliable and holistically informed
- Business processes operate more efficiently



For example, SAP's generative AI copilot, Joule, leverages the SAP Business Data Cloud knowledge graph to connect metadata and operational data. By breaking down data silos, SAP BDC empowers AI agents like Joule to drive seamless cross-functional collaboration. This enables AI models and agents to operate with deeper insights, unlocking efficiency gains across various functions.

SAP Business Data Cloud has created a major shift in enterprise data management by offering businesses a future-proof solution that enhances analytics and providing AI powered solutions. Its capability of collaborating with other platforms like Databricks provides enterprises the ability to gain crucial insights from their data.

Use Cases for SAP Business Data Cloud

The use cases for SAP Business Data Cloud are many, but let's explore some unique benefits that companies are already taking advantage of:

1. Audit Compliance

Auritas has developed a unique audit compliance use case leveraging BDC. With the integration power of BDC, enterprises can ensure audit-ready data is available and stored in a more cost-effective database, and that all reports are visible from SAP Analytics Cloud (SAC).

Additionally, with comprehensive reports organizations will be able to have a real-time view of their financial and auditable records. AI capabilities will also enhance the ability to monitor and respond to compliance needs proactively, reducing audit risks and improving regulatory adherence.

2. AI for Financial Forecasting

Traditional financial forecasting often relies on manual data processing, historical trends, and spreadsheets, which can be time-consuming and prone to errors. With scattered data across ERP systems, decision-making remains reactive rather than proactive.

SAP BDC, combined with AI-driven automation, transforms financial forecasting by incorporating real-time data to improve revenue and expense predictions. AI algorithms within Databricks analyze transactional patterns, flag suspicious activities for fraud detection, and provide cost and profitability insights.

These capabilities enable finance teams to implement pricing adjustments dynamically and ensure adherence to regulations with minimal manual intervention. By automating these processes, businesses can improve forecasting accuracy.

3. Supply Chain Optimization with Invoice and Contract Analysis

Optimizing supply chain costs requires in-depth analysis of SAP transactional data, supplier invoices, and contract terms. SAP BDC, integrated with Databricks, allows organizations to extract procurement data via direct connectors like Azure Data Factory and ingest invoices, contracts, and shipping logs.

Using OCR technology, key information is extracted from documents for more detailed processing. By merging purchase order data with invoice details, businesses can identify discrepancies such as over-billing and analyze contract terms to ensure compliance with negotiated agreements.

Databricks' ML models help detect patterns in late deliveries, frequent invoice errors, and cost inefficiencies. These insights are then shared with procurement teams through SAC dashboards, enabling data-driven vendor negotiations and supply chain optimization.

With SAP BDC, businesses can achieve greater efficiency and cost savings. This powerful combination unlocks real-time analytics, AI-driven automation, and improved decision-making, transforming how organizations leverage their SAP data.

About Auritas

Auritas is a global ERP products and services company specializing in ERP deployments, data management, process optimization, and product innovation. As an SAP Cloud Choice Flex Partner, the company has established itself as a leading pioneer in the rapid deployment of transformation engagements spanning the full suite of SAP solutions.

The company has successfully achieved over a Billion in accumulated customer savings due to its expertise and experience maximizing IT investments. With strong partnerships including SAP Cloud Choice Flex Partner, OpenText, Google Cloud Platform, AWS, Microsoft Azure, and Vertex, Auritas consistently delivers measurable ROI across leading industry verticals.

Visit www.auritas.com for more information about Auritas' products and services.

Authors



Deepak Sood is the CEO of Auritas, a leading data management and process optimization company specializing in comprehensive SAP solutions. He has been a regulatory compliance expert for nearly three decades and frequently contributes his expertise to enterprise business leaders. Deepak leads the organization's most complex undertakings and spearheads digital transformation initiatives with his ability to deliver customized, highly effective ERP solutions.



Stuart Rorer, AVP of Strategic Growth and Partnerships at Auritas, brings over 25 years of experience in the Data and Analytics space, most recently as Technical Director for SAP and Cloud Partnerships at Tamr. Stuart spent 10 years at SAP as national BTP COE head, BTP sales rep and HANA COE lead, 13 years at Dell in both corporate IT and business roles, and several years at Platinum Technology as a pre-sales and delivery lead.