



dab Data Products

dab Data Products – Procurement

Customer Brochure

dab Data Product Procurement helps companies optimize their purchasing processes through better visibility and decision-making. Our solution organizes procurement data from across your **entire purchasing lifecycle** — from requisitions and orders to goods receipts and vendor invoices.

According to Deloitte, 65% of procurement leaders lack visibility beyond their tier-one suppliers. Our solution addresses this challenge by providing **real-time insights into your procurement activities**. Users can track documents, monitor spending, manage inventory, and maintain current supplier information.¹

A key benefit is the **translation of technical SAP codes into business-friendly terms**, making information accessible without specialized knowledge. Our solution transforms raw data into structured formats that support daily reporting and provide a foundation

for identifying improvement opportunities.

Designed for procurement teams, finance departments, and analysts in organizations of all sizes, dab Data Product Procurement delivers the transparency and analytical capabilities needed to actively steer procurement operations.



Getting started is straightforward: we'll assess your SAP system, demonstrate the solution with your data, and implement a tailored plan that matches your needs.

¹ [Deloitte Global Chief Procurement Officer Survey 2018](#)

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Overview Data Product Procurement

The Data Product Procurement integrates key information from **purchase requisitions, orders, vendor data, and item details** to help you track and optimize your purchasing process.

This comprehensive view enables you to **monitor spending patterns, assess vendor performance, track approval workflows, and ensure procurement policy compliance**. Each component serves a specific purpose in building this complete procurement picture:

- [Purchasing Document Header \(EKKO\)](#) provides high-level information about purchase transactions

- [Purchasing Document Items \(EKPO\)](#) offers detailed line-item information

- [Vendor Master Data \(LFA1\)](#) contains supplier information for effective vendor management

- [Purchase Requisition \(EBAN\)](#) tracks internal requests and approval workflows

- [Remaining Columns](#) add context and translate technical codes into business language

Together, these components give you the insights needed to understand not just what was purchased, but how the procurement process flows through your organization.

Purchasing Document Header (EKKO)

The Purchasing Document Header provides essential information about your **purchase orders and contracts**, showing **who** created each document, **when**, and **under what organizational and financial conditions**.

This data helps you understand procurement initiation patterns — which teams create purchase orders, whether approval processes are followed, and if unusual activities exist.

It also supports traceability by connecting purchasing documents to subsequent steps like goods receipts and invoicing, ensuring consistency throughout the procurement lifecycle.

With this information, you gain a clear foundation for analyzing procurement behavior and understanding financial commitments across your organization — all presented in business-friendly terms rather than technical SAP codes.

Purchasing Document Items (EKPO)

The Purchasing Document Items section provides detailed information about **each individual item within your purchase orders**. It shows what was ordered, in what quantity, at what price, and under what terms. You can also see who created or modified each entry and their department.

This data includes important financial values such as net and gross amounts, taxes, and multi-currency calculations for consistent analysis across regions. It also captures key logistics information like delivery dates and shipping terms to support coordination between purchasing and supply chain teams.

With this level of detail, you gain visibility into purchasing patterns at the line-item level. You can identify pricing trends, monitor alignment with contracts and budgets, and see which departments generate specific costs. You can also distinguish between manually entered and system-generated data to better understand user behavior.

This granular view enables you to identify opportunities for cost savings, ensure policy compliance, and make better decisions based on actual purchasing data.

Vendor Master Data (LFA1)

The Vendor Master Data section provides **comprehensive information about your suppliers**. It includes who your vendors are, their contact details, categorization, and when they were added to your system.

This data helps you maintain accurate supplier records, track vendor relationships over time, and ensure proper documentation of business partnerships. You can see which vendors are active or inactive, understand your supplier landscape by region or category, and maintain compliance with vendor management policies.

The section also shows who created each vendor record and when, adding accountability to your supplier management process. This helps you understand who in your organization manages vendor relationships and how your supplier base evolves.

With this supplier intelligence, you can make better decisions about vendor selection, manage compliance requirements more effectively, and strengthen your approach to supplier relationship management.

Purchase Requisition (EBAN)

The Purchase Requisition section shows you the **beginning stage of the procurement process**. It reveals what items were requested, who requested them, and how these requests moved through your organization to become formal purchase orders.

This data connects each requisition to the people and departments involved, helping you understand both the demand and the workflow behind it. You can track approval paths, identify where requests originate, and monitor how quickly requisitions convert to orders.

With this visibility, you can analyze where purchasing demand comes from, ensure proper approval procedures are followed, and identify any bottlenecks in the requisition process. This helps you manage procurement proactively from the very first step.

By understanding the complete journey from initial request to formal order, you gain insights that can improve efficiency, accountability, and decision-making in your procurement operations.

Remaining Columns (DD07T, etc.)

The Remaining Columns section enhances your procurement data by **adding context and clarity**. It includes domain value texts (DD07T) that translate technical SAP codes into business-friendly language, plus additional fields that provide organizational, financial, and logistical context.

Instead of seeing cryptic codes like "B" or "Z1," your data shows clear terms like "Final Released" or "Framework Order." This makes reports and dashboards accessible to users without technical SAP knowledge.

The supporting fields connect your procurement data to specific plants, company codes, materials, cost centers, and delivery terms. They also include historical information like creation dates and document changes, enabling you to track the full lifecycle of purchasing documents.

This enrichment allows you to build intuitive reports that work across departments, connecting procurement to finance, logistics, and operations. It supports compliance and audit preparation by making your data easier to verify and explain.

Analytical Capabilities (dab AnalyticSuite)

When combined with the [dab AnalyticSuite](#), the Data Product Procurement enables interactive analysis across five key areas:

1 Vendor and User Behavior: Examine how departments and users engage in procurement activities and how vendor relationships develop. This helps identify top suppliers, highlight departments with high purchasing volumes, and uncover potential compliance issues like segregation of duties conflicts.

2 Purchase Order Lifecycle: Follow each purchase order from creation through approval, delivery, and payment. This reveals bottlenecks, helps streamline workflows, and ensures financial accuracy between orders and invoices.

3 Financial and Value Optimization: Monitor price changes, currency fluctuations, and value discrepancies across the procurement lifecycle. This helps detect issues like invoice mismatches or unauthorized price adjustments.

4 Process Sequence and Timing: Visualize the chronological flow of procurement activities to identify process violations, optimize cycle times, and align resource planning with seasonal trends.

5 Document Structure and Contract Compliance: Assess how effectively framework agreements and contracts are used. Identify purchases that bypass requisitions, underused agreements, and one-time vendors to improve process discipline.

These analytical capabilities can be **customized and integrated** with your existing reporting environment to support continuous improvement in procurement.

Use Cases

These real-world applications demonstrate how organizations can use the Data Product Procurement to address common challenges:

Spending Visibility and Control

- Which departments generate the most procurement volume?
- Are we getting consistent pricing for the same materials across business units?
- How has our spending with key vendors changed over time?
- Which categories of spending offer the greatest opportunity for savings?

Use Case #1

A manufacturing company used these insights to identify that **70% of unplanned purchases came from three departments**, allowing them to implement targeted approval workflows and reduce maverick spending.

Process Compliance and Improvement

- Are proper approvals obtained before purchases are made?
- How well are we utilizing our framework agreements?
- What percentage of purchases bypass the requisition process?
- Where are the bottlenecks in our procurement workflow?

Use Case #2

A healthcare provider discovered that **15% of their purchases skipped the requisition process**, allowing them to reinforce proper procedures and reduce compliance issues during audits.



Vendor Management

- Which vendors are active, inactive, or blocked?
- Who is responsible for creating and managing vendor records?
- Are we maintaining complete vendor information for compliance?
- Which suppliers should we consolidate or expand our relationships with?



Efficiency Enhancement

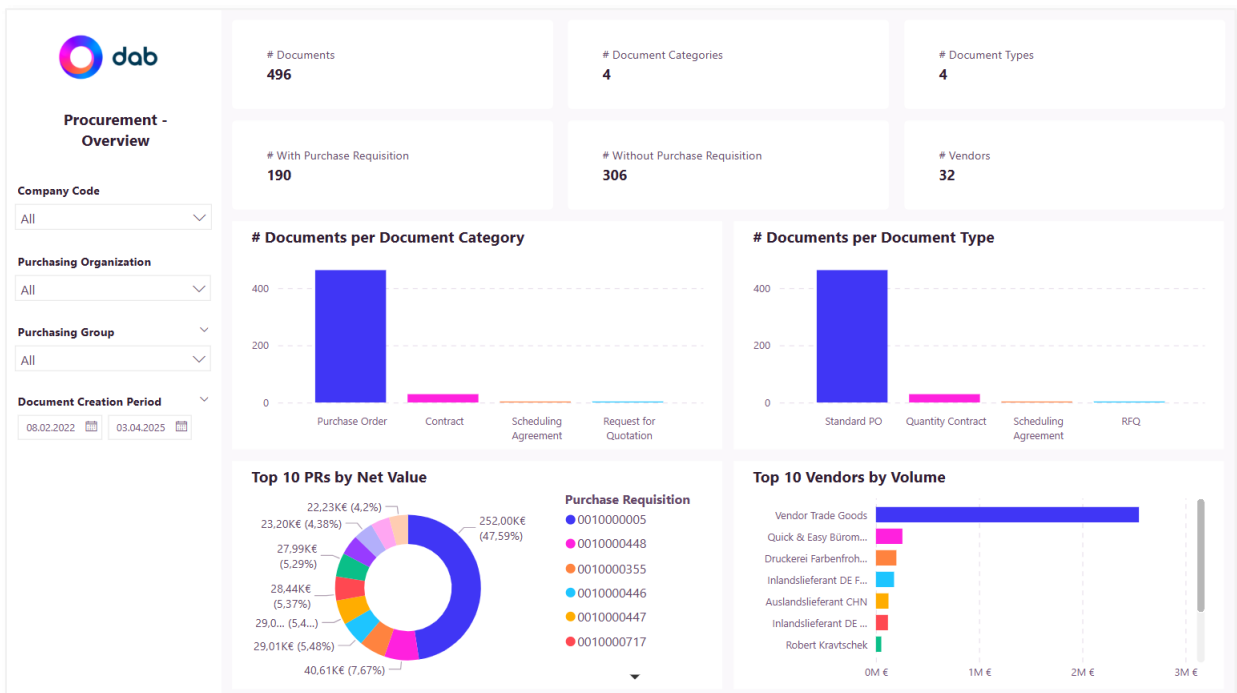
- What's our average time from requisition to purchase order?
- How long does each approval step take in our workflow?
- Which types of purchases move most quickly through our process?
- How do seasonal patterns affect our procurement efficiency?

Use Case #3

A retail business identified **over 200 inactive vendors in their system**, enabling them to clean their master data and streamline their supplier management process.

Use Case #4

A logistics company pinpointed a two-day bottleneck in their approval process and **reduced their overall procurement cycle time by 40%** after making targeted improvements.



Power BI Report Data Product Procurement Overview Page showing key metrics and charts for document overview and purchase requisition as well as vendor highlights.

Summary and next Steps

This Data Product transforms your procurement data into meaningful business insights. It provides visibility across the entire purchasing process by connecting requisitions, orders, deliveries, invoices, and vendor information.

The solution helps you understand spending patterns, ensure process compliance, manage vendor relationships effectively, and identify opportunities for efficiency improvements. Information is presented in business-friendly language, making it accessible to users without technical expertise.



Key Benefits include:

- Complete visibility across the procurement lifecycle
- Multi-dimensional analysis of spending and process metrics
- Clear understanding of who drives procurement activities
- Improved compliance with policies and procedures
- Better decision-making based on comprehensive insights

Ready to transform your procurement operations? Our implementation approach makes it easy to get started:

1 Assessment: We evaluate your SAP environment and procurement needs

2 Demonstration: See the solution in action with your actual data

3 Implementation: We set up a tailored solution in your environment

4 Activation: Gain immediate access to 39 specialized analyses

Contact us today to discover how dab Data Product Procurement can help you achieve greater efficiency, compliance, and strategic value from your purchasing processes.

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