GoodData

GoodData
The End-to-End Data Product Platform

The GoodData platform is a **composable analytics ecosystem** that integrates **BI, AI, and analytics lake capabilities** into a single, multi-tenant, and developer-friendly environment. It enables enterprises and SaaS companies to deliver **custom analytics experiences through self-service BI, AI-driven insights, and scalable data infrastructure.**

Built on a **modern open-source foundation** (Apache Arrow, DuckDB, Iceberg, FlightRPC), it supports **high-performance analytics, federated query execution, and cost-efficient scaling**. The platform prioritizes **flexibility, automation, and integration,** allowing businesses to create **bespoke data products** without vendor lock-in.

GoodData Components

BI
A self-service **business intelligence** tool designed for multi-tenant environments, with embedded analytics and analytics-as-code capabilities.

AI
A **virtual analyst and generative AI toolkit** enabling conversational analytics, search-based insights, and machine learning-driven automation.

Analytics Lake
A **high-performance analytics engine** that federates across storage layers (cold storage in Iceberg, hot storage in DuckDB) and optimizes query performance at scale.

Why GoodData?

Faster Time-to-Insight: AI-powered analytics reduce manual reporting efforts and enable real-time decision-making.

Multi-Tenant Scalability: Designed for SaaS and large enterprises, ensuring secure and efficient analytics delivery across multiple customers.

Developer-Centric Customization: Composable APIs, SDKs, and automation-friendly deployment models allow full control over analytics workflows.

Cost Optimization: Intelligent caching, query acceleration, and workload-aware compute reduce infrastructure costs.

Composable, Future-Proof Design: Enables easy expansion with AI, ML, and new data sources without re-architecting the solution.

GoodData Core

Business Intelligence

Enable self-service, visualization, reporting, embedding, and data modeling in one modular platform.

- Dashboards and Self-Service
- Data Modeling
- Embedded Analytics

Artificial Intelligence

Explore data, visualize answers, and take next actions via natural language from any user interface.

- AI Assistant
- Smart Search
- Personalized Recommendations

Analytics Lake

Deliver data isolation, scalability, and high-speed analytics in a single, lightweight system.

- Data Pipelines
- Data Federation
- In-Memory Data Marts

✓ API, SDKs and Analytics as Code ✓ Semantic layer and in-memory cache ✓ Deploy anywhere with multitenancy

Key Capabilities:

Composable Semantic Layer:
- Centralized **reusable data models** with tenant-specific customizations.
- "Model once, use many times" paradigm for **consistent reporting** across tenants.

Multi-Tenant Architecture:
- Full-stack tenant automation from ingestion to marts to BI.
- Row, column, object, and tenant-level **access controls**.
- **Dynamic scoping** of dashboards, reports, and AI-generated insights.

Composable Front-End & SDKs:
- **Modular UI components** for dashboards, reports, and visualization embedding.
- Full **white-labeling and branding support**.
- **React SDK** and API-based **analytics embedding**.

AI & ML-Integrated Analytics:
- **Natural language queries** for AI-driven insights.
- **Automated anomaly detection** and root cause analysis.
- **Generative AI-powered data storytelling**.

Federated Query & Hybrid Storage:
- **Cold storage** (Apache Iceberg) for cost-efficient historical data analysis.
- **Hot storage** (DuckDB) for real-time, interactive analytics.
- **FlightRPC acceleration** for high-throughput analytical workloads.

Automation & CI/CD Integration:
- **Declarative analytics configurations** (YAML, JSON) for versioned deployments.
- **APIs for data modeling, reporting, and AI automation**.
- Easy integration into full data stack automation.

Security & Governance:
- Full **RBAC (Role-Based Access Control)** across BI, AI, and data lake layers.
- **Audit logs, lineage tracking, and compliance-ready analytics**.

Own Your Data, Build Your Future

GoodData helps you break free from outdated BI tools. It's time to build AI-powered, revenue-generating data products that push your business forward. Whether you're a developer, business leader, or data engineer, GoodData offers the performance, scalability, and flexibility you need.

Ready to Start?

Request a demo   **Try GoodData for free!**