GoodData

AI-Driven BI Modernization

Modernize Your BI for the AI Era

Legacy BI slows teams down in ways that usually show up gradually.

Business logic ends up spread across dashboards, SQL, and spreadsheets. What once worked becomes hard to change and expensive to maintain. Different dashboards report different answers, and teams spend hundreds of thousands of dollars every year maintaining systems they don't fully trust.

This is where most AI initiatives run into trouble. **If your team can't explain exactly how a number is calculated, AI won't either.**

Modernizing BI shouldn't mean breaking what already works. And it shouldn't require rebuilding everything from scratch before seeing results.

AI-Driven BI Modernization takes a different path.

AI-ready analytics can't be achieved inside legacy BI. Modernization means migrating off it: extracting existing BI logic and rebuilding it on GoodData as a clean, governed analytics foundation for AI, automation, and scale.

Stop the Infinite Transition. Fix Your Analytics as You Modernize.

How It Works

This approach doesn't just migrate BI; it fixes it during the move.

1. Extract Your Legacy BI

Existing BI assets are exported and loaded into a structured, version-controlled environment. Business logic embedded inside dashboards, reports, and calculations is preserved rather than recreated manually.

2. Transform and Fix Automatically

Legacy logic is converted into modern analytics logic. Duplicate metrics are removed, inconsistencies are corrected, and new reusable metrics are created as part of the process.

3. Model and Standardize Your Data

A clean, fully traceable logical data model is established. A governed semantic layer becomes the single source of truth, making analytics easier to understand, change, and maintain.

4. Roll Out in Phases

Deployment happens incrementally. Dashboards remain available, results are validated step by step, and users and content are migrated without a disruptive cutover.

> In practice, **AI-assisted tooling can now automate** much of this work, often covering around **80%** of the effort and making this kind of migration feasible without putting delivery on hold.

What You Get

AI-Ready Analytics

AI fails when metrics aren't consistent. By **consolidating logic into a governed semantic layer**, every metric has a single definition used everywhere — **across dashboards, applications, APIs, AI agents, and automated workflows**. Analytics become reliable inputs rather than something teams have to double-check.

Faster Future Development

Analytics-as-Code turns BI into an engineering multiplier. Logic is managed using version control, automated testing, and instant rollbacks. Manual maintenance drops, and teams deliver new analytics **2–5× faster** than with legacy BI.

Performance and Scale Built In

Refactoring legacy "spaghetti logic" improves performance and clarity. **Inefficient calculations and duplicated logic are removed**, dashboards load up to **10× faster**, and analytics scales cleanly as usage grows. Flexible deployment is supported by design, including **on-prem** and **multi-tenant** environments.

A Fixed Analytics Foundation

AI-Driven BI Modernization replaces BI that is difficult to maintain with a foundation that teams can work with and extend.

Dashboards, models, and metrics are migrated without disruption, while the logic underneath is standardized and governed. Teams reduce inconsistency, make changes faster, and benefit from analytics that can be reused across applications, automation, and AI use cases without rework.

This is the refactor-and-shift approach behind GoodData: modernizing BI step by step while improving quality and reliability along the way.