# Perfect Your System
## Transform Your Broken Data

Reclaim time for analytics through an efficiency overhaul of your existing data systems. Discover how a Fortune 1000 department store chain freed up 300+ hours a week with Armeta's world class data expertise.

> **"We were so frustrated! Millions of dollars invested in this data system, yet our Buyers were still wasting their time manually pulling data together instead of using it to make better buying decisions."**
>
> - Chief Merchant

## The Situation

Buyers and planners at a Fortune 1000 department store with $3 billion in revenue and nearly 300 locations across the U.S. were spending the weekend preparing Monday reports. Just a simple question from the CEO triggered hundreds of hours' worth of work.

Incomplete data had to be found, mismatched sources combined, and complex reports compiled, all while hoping to avoid a dreaded "time out." The promise of the company's robust data system was lost in the hours waiting to build a report.

# The Solution

The data warehouse was reconfigured and data organized to directly meet business needs. With Armeta leading the effort, the existing BI tool was streamlined for reporting:

The data tables were updated so the system pulled only records needed by primary users instead of crashing the system by pulling every record available.

Databases were tuned for fast run time through reformatted table structures and the creation of summary tables to limit code passes.

Finally, load balancers were configured across multiple servers to match the heavy traffic and high user count on Monday morning, eliminating time out issues.

**"Our reports run so much more quickly now. We are getting answers to follow-up questions we never even had time to ask before Armeta optimized our data system"**
- Fashion Accessories Buyer

# The Result

The transformation to fast and efficient databases resulted in the recovery of 300+ hours a week to focus on in-season strategy. Quick reactions to the market led to reduced markdowns and increased sales.

For data scientists and front-line employees alike, insights became instant.