

Business Intelligence & Automation Projects

Developing a Data-Driven Engine for Strategic Decision-Making


Key Achievements & Impact



>80%


Reduction in Reporting Time

Automated critical, previously manual reporting processes.



Supply Chain Optimization

Enabled proactive stock management with "Stuck Stock" & "Discontinuation" reports.

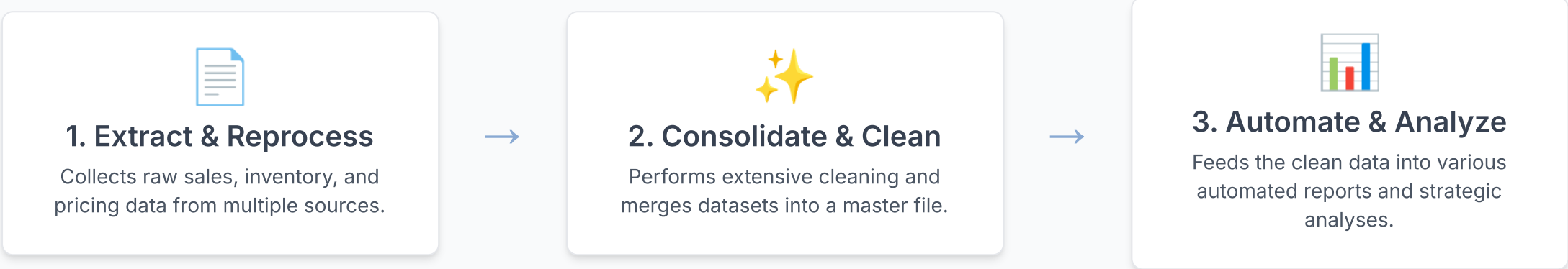


Advanced Sales Analytics

Guided sales and marketing strategy with deep-dive analysis and pricing reports.

The Core Data Pipeline

The foundation of the project was a robust ETL (Extract, Transform, Load) pipeline built with Python to programmatically collect, clean, and consolidate complex sales and inventory data into a master dataset ready for analysis.



Automated Reports & Analyses Delivered

Operational & Strategic Outputs

The automated pipeline generates a variety of high-impact reports that serve different business functions, from day-to-day operations to long-term strategy.

Core Operational Reports

Monthly tracking of product performance (Rolling Sales Report) and automated monitoring of price adjustments.

Supply Chain Analysis

Identification of slow-moving "Stuck Stock" and data-driven recommendations for product discontinuation.

Strategic Sales & Pricing Insights

Deep-dive sales analysis and foundational pricing analysis to inform promotions and bundling strategies.

Breakdown of Analyses Performed

