

# Order Right

by ALGONOMY

## AI-Driven Demand Forecasting and Auto-Replenishment with Hyperlocal Precision

Precise order plans powered by thousands of Retail ML algorithms that adapt to demand and supply chain dynamics



Retail Formats Supported



Health, Beauty & Wellness



Food & Grocery



Convenience Store



Specialty Retail

Inventory Cost



20%

Out-of-Stock Instances



60%

Wastage



10-30%

Shelf Availability



99%

## Precision At Scale: Why Order Right Gets It Right



### Built Natively on Databricks

Order Right runs entirely on Databricks' unified platform, the same stack that powers our GenAI and agentic workflows, promising zero fragmentation in ML pipelines and planning logic.



### Robust Data Framework

Sparse data, noisy data, new product introductions, discontinuations, promotions — all handled algorithmically. No PI data required. No manual workarounds.



### Human + Agentic AI, Together

Autonomous agentic AI that takes replenishment decisions with humans in the loop, at enterprise retail scale while factoring in real-time constraints.



### Accuracy That's Measurable

Consistently outperforms traditional forecasting methods by at least 20 percentage points. Forecasting horizon configurable up to 12+ weeks at daily, weekly, or monthly frequency.

# From Forecast to Shelf: End-to-End Planning That Runs Itself



## Hyperlocal Forecasting

One unique model per SKU–store combination. An ensemble of 2,000+ candidate algorithms – parametric, ML, and deep learning – selects the best fit per location, scaling to millions of combinations on Databricks' distributed compute.



## Hierarchical Planning

Forecasts roll up from store–city–region–national level using a hierarchical modeling framework. Handles data sparsity, cannibalization, and demand shifts automatically.



## Genetic Optimization

Replenishment plans factor in lead times, MOQs, order frequency, safety stock, expiry dates, and fill rates – optimized via genetic algorithms at Apache Spark production scale.



## Auto-Replenishment Execution

Orders can be downloaded as Excel, pushed directly to ERP for PO generation, or routed through Vendor Link for seamless end-to-end P2P supplier collaboration.

## Trusted by leading retailers



400+  
Enterprise retailers



1B+  
Customer profiles



20+  
Years of retail AI



Gartner  
Analyst recognition



## IDC MarketScape 2025

Featured in the IDC MarketScape: Worldwide Retail Customer Data Platform Software Providers Vendor Assessment.

### Grocery



### QSR



**COSTA**  
COFFEE



### Retail

Pepe Jeans  
LONDON



SWAROVSKI

TIFFANY & Co.

rue21.

Take your replenishment planning to the next level with Order Right

Request a demo



**ALGONOMY**

Algomomy helps consumer businesses maximize customer value by automating decisioning across key retail functions, with AI-enabled solutions for eCommerce, Marketing, Merchandising, and Supply Chain. Algomomy is a trusted partner to 400+ leading brands across 20+ countries, with recognition from top industry analysts such as Gartner and IDC.