Quick, Iterative Solutions for Merchandise & Assortment

dataviva

The Challenge

Retailers have been facing rapidly shifting demand to different channels and products; traditional assortment processes are too manual and slow to react

In the last years, consumers have shifted demand abruptly to new products and new channels. Retailer merchandising budgets and assortments have to adapt in response.

Existing tools and processes require a lot of data processing and manual work and can be siloed, isolating the effects of decisions, resulting in less efficiency and potential errors.

The Solution

A modular, data-driven suite of assortment and merchandising tools that can plugin to existing processes and systems, improving results and accelerating decisions.

As retail planning veterans, we built our solutions to be modular and easy to configure and customize

Our science-based assortment tools can predict new item performance, evaluate assortments pre-season, suggest optimal assortment width, build optimal allocations, automate size profiles, and much more. And they can be deployed on top of existing systems or as a unified workflow.

Capabilities

- Both Season-based and Continuous Workflows
- Forecast New Products Automatically
- Optimal Automated Allocation – even for Complex Packs
- Assortment Recommendation and Analysis
- Assortment Width Optimization
- Automated Size Curves
- Flexible Store Clustering
- Modular, flexible Workflow

>40% Reduce Decision Time

>25% Reduce Overstocks

>2% Increase Sales

>2% Increase Margin

Advanced Merchandise & Assortment Solutions, Built for Retail

Our software, built on expert domain knowledge, can help retailers solve tough retail merchandise & assortment problems quickly, such as:

- Increase efficiency by **reducing capital invested in inventory more than 40%** while increasing service levels and sales
- Flexible workflow for managing **short lifecycle seasonal assortments** as well as **continuity categories** – or mix and match
- **Predict sales performance of new items** pre-season and with internal data only –an industry exclusive, deployed at multiple retailers
- Provide **assortment recommendations** based on assortment strategy, tactics and predicted new item performance
- **Optimize assortment width** considering cannibalization effect, space constraints and other key metrics
- **Automate and optimize allocation for maximum ROI** and for complex flows including cross-docking, pack-at-source, and more
- Automatically determine **optimal pre-pack configurations** for warehouse and store-level requirements
- **Automated Size Curve** calculation, even with dirty or manual size data that can be used in planning and execution processes
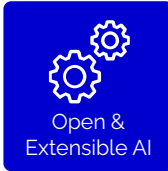
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Why Us

Dataviva has the world's only **low-code, real-time, extensible planning platform** that allows AI and decision algorithms to be full 'team members' with human experts, massively speeding up decisions and optimizing processes.

This lets us help **customers achieve over 10x ROI** with quick deployments on top of existing systems with **no need for large transformation projects**.

Our team has built complex retail supply chain planning and optimization solutions for some of the world's leading retailers for 15+ years. We built Dataviva to radically change how such systems are developed and deployed. We are confident enough to guarantee our results and take on **success-fee based projects**.

| ROI-Based Deployment | Open & Extensible AI | Embeddable Microservices | On-Cloud or On-Premise |

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