



Omnichannel Inventory Optimization

Optimize your Inventory & Demand Predictions

Inventory Optimization begins well before the purchasing phase. It starts in planning while determining the best merchandise assortment. From there, allocating the perfect amount, precisely pricing it to manage the inventory and sell-thru, and fulfilling omnichannel shopper orders from the right location.

Since these processes span different functions and roles, consistently predicting the demand caused by each action becomes essential for overall inventory optimization. A common demand engine, powered by AI that evaluates all demand drivers to produce a Unified Demand Signal is the foundation of inventory optimization.

Yet it doesn't stop there. Retailers require solutions with specialized application of AI algorithms and intuitive workflows that enable an explanation of the AI recommendations as well as efficient execution of the functional process.

Antuit.ai provides comprehensive, unified, and specialized solutions to optimize inventory and demand predictions for the entire product lifecycle.

Optimize your Inventory with antuit.ai's Solutions

- **Demand Forecasting:** Employing a Unified Demand Signal, this provides a highly accurate demand forecast for every type of product at any point in time.
- **Assortment Optimization:** Create highly personalized, local assortments; invest the perfect amount of inventory in winners and avoid profit drainers.
- **Allocation Optimization:** Optimizes inventory allocation and balances the cost of over-allocation (markdown) and under-allocation (lost sales).
- **Promotion & Markdown Optimization:** Provides an efficient and profitable process to control inventory movement and sell-through.

Features

- **Unified Demand Signal** — Evaluates every significant demand driver including trends, seasonality, pricing, promotions, events, and product lifecycles.
- **AI Models** — Intelligent, machine learning algorithms establish and evaluate a range of competing models, estimating their performance over time to determine and select the most accurate model.
- **Omnichannel Optimization** — Algorithms calculate best markdown decisions to maximize sell-through based on sales and returns.
- **Strategic Assortment Profiles** — Create consumer decision trees (CDT's), define every item's role, expose important attributes, and drive category strategies by assessing thousands of shopping choices.

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Antuit not only delivers on its promises, but has gone above and beyond to design a solution that truly delivers superior results.”

Marty Anderson

VP Merchandising Operations,
Belk

Why antuit.ai

We listen to your challenges and then assemble the right team to deliver your solution that addresses your pain points. We work as your partner during the entire process, from solution diagnostics to deployment to adapting the solution for changes in consumer preferences.

We are focused on delivering significant, financial results for our clients, often starting within three to four months of our first engagement, enabling them to receive a faster return on their investment.

To learn more, please contact Antuit at info@antuit.ai

 antuit.ai

#1 **AI Forecasting & Merchandising Company**

About antuit.ai

We are the leader in AI-powered cloud solutions for Forecasting and Merchandising. We have the industry's first solution portfolio – powered by Artificial Intelligence and Machine Learning – that can help you digitally transform your Forecasting, Assortment, Pricing, Promotions and Personalization.

Antuit's executives, comprised of industry leaders from Accenture, McKinsey, IBM, and SAS, and our team of Ph.Ds., data scientists, technologists, and domain experts, are passionate about delivering real value to our clients.

Antuit is funded by Goldman Sachs and Zodiuss Capital.

Learn More at www.antuit.ai



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