

Retail Assortment Planning & Optimization

Optimize product mix, revenue, margin and operations with AI-driven, customer-focused assortments.

Invent.ai's Assortment Planning & Optimization leverages AI, consumer data and machine learning to create tailored, space-optimized product selections at scale. By managing the complexity of product and location combinations, it boosts efficiency, customer loyalty and satisfaction.



Invent.ai is one of the few companies delivering true AI solutions. Its technology surpassed our expectations achieving superior results.

Eya Yerkes,
EVP of Planning and Allocation
Alo Yoga

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Why invent.ai's Assortment Planning & Optimization Solution?

Leverage AI to create tailored assortments, optimize shelf space and drive customer loyalty with data-driven decisions.



AI-driven new product attribution planning



Profit-value balance and inventory efficiency



Localized assortments



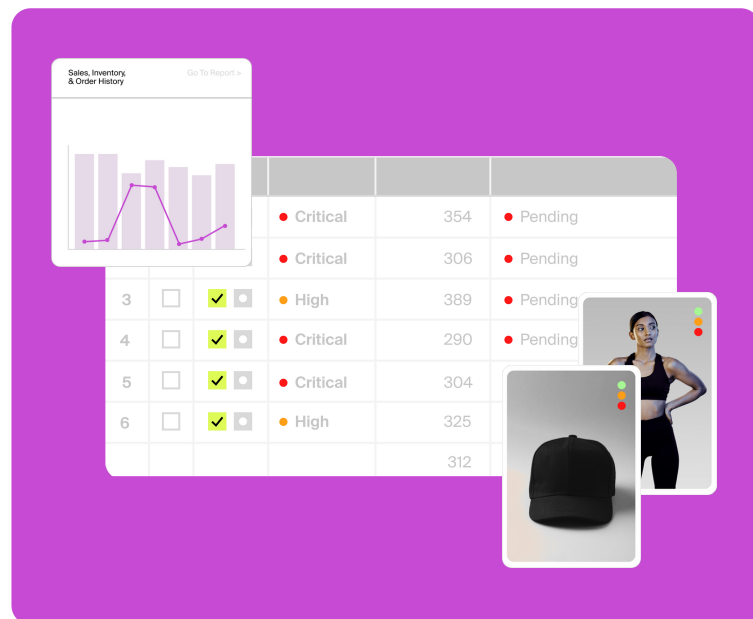
Automated recommendations & process efficiency



Enhanced product selection & assortment offering with visualization and gallery view



Demand alignment & trend optimization



Key Features

- Visualized and streamlined assortment experience
- Tailored & dynamic store clustering Real-time sales
- insights & predictive strategy Strategic planning &
- shelf optimization



1–5 %

increase in profits



5–10%

increase in sales



4 %

higher inventory turns

About invent.ai

Invent.ai is an AI-decisioning platform that enables retailers to turn data into real-time decisions and intelligent actions across inventory, pricing and merchandising. Powered by a multi-agentic AI architecture, the platform predicts outcomes, refines strategies and executes merchandising decisions at scale—driving measurable sales, revenue and margin performance. By combining advanced AI with deep retail expertise, invent.ai helps retailers across the globe navigate dynamic markets, improve operational efficiency and achieve sustainable financial outcomes.

Invent.ai is recognized in the Gartner® Market Guide for Retail Forecasting, Allocation and Replenishment Solutions and for Retail Unified Price, Promotion and Markdown Optimization Applications – Short Life Cycle. The company has also received the RetailTech Breakthrough Awards' Customer Experience Award, SupplyChainBrain's Great Supply Chain Partner recognition and Supply & Demand Chain Executive's Top Supply Chain Projects award. With SOC 1 Type II, SOC 2 Type II, and ISO 27001 certifications, invent.ai ensures security and data protection across all AI-powered solutions. For more information visit www.invent.ai.