Retailers need next-generation technology to meet customer demands and innovate across their operations

**Challenges**

The need to meet high consumer expectations while balancing inventory needs and supply chain logistics presents a complex set of challenges for retailers. Mounting pressure to deliver exceptional customer experiences in a highly competitive and disrupted landscape is leading many retailers to revolutionize their operations.

The retail industry needs to find new ways to solve their most important issues:

- The inability to proactively address supply chain disruptions leads to stockout risks, ordering delays, and decreasing margins
- Supply chain shortages are leading to abrupt price increases
- More than three-quarters of consumers have changed their buying habits in the past 18 months and are increasingly willing to change brands
- Inventory management has been severely impacted by the pandemic with businesses initially stuck with billions of dollars in unsold goods, and now struggling to bring inventories fully back to pre-pandemic levels

To overcome these complex customer and security challenges, next-generation technology is required.

**The Solution**

AI Cloud for Retail is uniquely designed for today’s retail challenges and opportunities, and lays the foundation for the next generation of intelligent business.

With trusted, explainable AI at its core, AI Cloud for Retail delivers high-impact business results that unify human intuition and machine intelligence. Plus, it’s extensible to a growing ecosystem of partners delivering enterprise applications, vertical solutions and AI Apps that take DataRobot insights deep into core business processes.

**With DataRobot AI Cloud for Retail, retailers can:**

- Forecast daily demand by store to help reduce overstocks and out of stocks, and optimize supply chain
- Predict next best offer to maximize cross-sell and up-sell opportunities
- Predict customer lifetime value (CLV) to make better-informed, short-term decisions
- Forecast demand of new products to optimize inventory, logistics, and working capital
- Improve in-store product assortment and remove products predicted to perform poorly

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DataRobot AI Cloud for Industries

AI Cloud for Industries is a new approach to AI, built for today’s demands, challenges, and opportunities. The single system of record accelerates the delivery of AI in every organization. Bringing together data scientists, data engineers, IT and business users, AI Cloud for Industries is a unified environment for collaboration and continuous optimization across the entire AI lifecycle.

The platform extracts deep insights from any source of data and any data type to deliver trusted, explainable outcomes that drive business impact. It embraces and extends AI models from all providers, with the flexibility to be deployed as modular components or a complete cloud.

And, to serve today’s multi-cloud reality, AI Cloud for Industries spans all environments—across any cloud, data center and the edge—while protecting organizations with enterprise security, governance, and operations.

What makes AI Cloud for Industries even more powerful is its unique ability to combine the strengths of human and machine intelligence. We call it Augmented Intelligence.

Augmented Intelligence brings together human intuition and experience, plus the efficiency and power of machine learning, to move beyond simply making more decisions or making them faster. With Augmented Intelligence, we make the right decisions.

Trusted Across Industries

Customer Success

Customer 360

Using DataRobot’s Automated Time Series, a grocery retailer put in place a data-driven decision-making solution for the chain’s stocking operations taking into account a wide range of data points, from seasonal impacts to customer numbers.

Optimizing Operations

DataRobot AI Cloud for Retail helped a multinational retail corporation predict the best locations to open new retail stores.

Demand Forecasting

DataRobot AI Cloud for Retail helped one multinational technology company accurately predict sell out volume, leading them to become the leader in volume share on notebook sales for the B2C segment in Brazil.

Jump-Start Your AI Journey Today

Learn More:
datarobot.com/solutions/retail

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