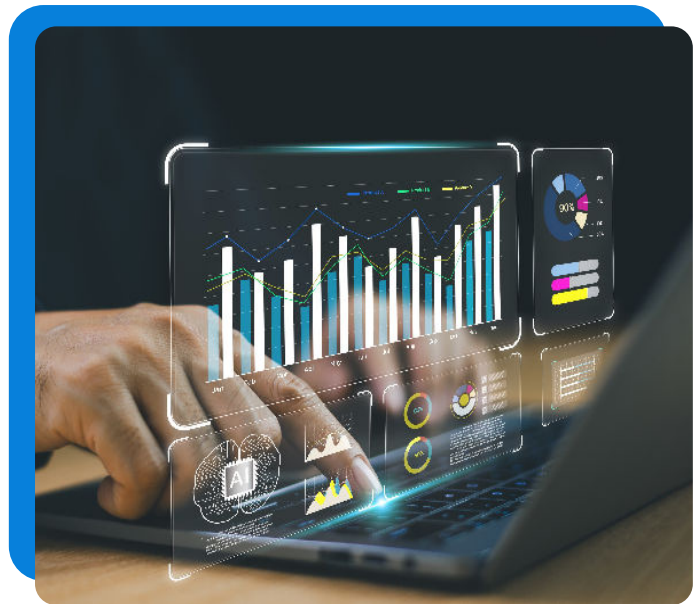




Data Science Workbench

From Hypothesis to Value



In today's fast-paced retail environment, harnessing the power of data is more crucial than ever. Algonomy's Data Science Workbench is a cutting-edge platform that empowers data science and analytics teams to create, test, and deploy advanced machine learning models seamlessly. The platform supports the entire data science lifecycle, enabling businesses to leverage data-driven insights for personalized customer experiences and optimized business operations.

Custom Algorithms & Data Models, Made Simple

Algorithm Development & Testing

Build proprietary recommendation models based on your unique vertical or business knowledge. Test them against the 200+ pre-built retail models included in Algonomy's standard license with the Experience Optimizer.

MVT And Reporting

The platform includes Multivariate Testing (MVT) capabilities with a comprehensive reporting dashboard, enabling you to optimize models and improve key metrics like conversion rates and average order value.

Merchandising & Business Rules

Apply merchandising and business rules instantly on top of your custom models—ensuring alignment with business objectives and promotional strategies—without requiring a development cycle.

End-To-End Machine Learning Lifecycle Management

Manage the full machine learning lifecycle—including algorithm creation, testing, and deployment—ensuring a streamlined and efficient process tailored to retail-specific needs.

The Algonomy Advantage



Accelerated Time to Market

By leveraging pre-built models and the integration with the Algonomy ecosystem, businesses can reduce the time required to develop and deploy machine learning models, ensuring quicker ROI.



Real-Time Data Integration

The platform supports near real-time updates of catalog and other datasets, ensuring that models always work with the most current information—crucial for accuracy in fast-paced retail environments.



Enhanced Decision-Making

The ability to analyze large datasets and build sophisticated models leads to better, data-driven decision-making across all facets of retail operations.



Scalability & Flexibility

Adapt to changing business needs with a scalable platform that grows with your organization. Whether you're expanding into new markets or evolving your product offerings, Data Science Workbench provides the flexibility and power to support your growth.



Algonomy Expert Services

Leverage Algonomy Expert Services for tailored data science implementation. Provide your use case, and our seasoned data scientists will manage the rest—from development to deployment—ensuring even non-technical users can seamlessly integrate sophisticated data solutions into their operations.

Contact Us

To learn more about Data Science Workbench or to see a demo, write to us at hello@algonomy.com.



ALGONOMY

At Algonomy, we help retailers elevate customer engagement and optimize retail planning through data-backed and AI-powered decisioning. Our real-time Algorithmic Decisioning platform, powered by Composite AI, enables 1:1 omnichannel personalization, seamless audience management, precision-guided demand and supply planning, and true supply chain collaboration. We are a trusted partner to more than 400 leading brands, with a global presence spanning over 20 countries. Our innovations have garnered recognition from top industry analysts such as Gartner and Forrester. More at www.algonomy.com.