

DATA SCIENCE

Careers



At The Home Depot, our Data Science teams across the enterprise are on a mission to provide the best interconnected shopping experience to our customers. To do this, we need dreamers, innovators, and big thinkers passionate about re-imagining the future of shopping. Here's a look into Data Science teams across The Home Depot.

HOME SERVICES

This team brings a hypothesis-driven approach to problem solving through data science with our Home Services business function, focusing on providing business value and driving efficiency.

ONLINE

With deep learning, predictive modeling, NLP, pattern recognition, and computer vision, this team innovates and implements game-changing solutions using cutting-edge technology and newly patented concepts to build the next generation of interconnected retail experiences for HomeDepot.com.

MARKETING

This team delivers personalized marketing for The Home Depot by leveraging data & ML with a relentless focus on the customer need, persona, family, life stage, purchase, browse, and other intent signals.

MERCHANDISING SOLUTIONS

This team provides analytical analysis on market and internal data to support innovative solutions for our Merchandising organization at The Home Depot.

DECISION ANALYTICS

This team serves as the internal consultant to solve complex retail problems across a variety of business units through data analytics and data science. Associates provide clarity on performance and render actionable insights for strategic company initiatives.

SUPPLY CHAIN

Data Scientists on the Supply Chain Analytics team support complex technical Supply Chain-related projects to amplify the flow of product from our suppliers to stores to customer homes and pro job-sites.

SPACE OPTIMIZATION

This team creates shareholder value by optimizing in-store space and improving space productivity through advanced analytics. The team is an integral part of the business decision making process to drive sales growth and positive customer experiences.

OPERATIONS

Data Scientists supporting our operations team provide data-driven solutions and innovation to address store layouts and design. They partner cross-functionally to ensure our processes are helping out associates work efficiently.

HUMAN RESOURCES

This team brings a data-backed approach and efficiencies to the HR associates who focus on making sure our people can thrive in their roles, empowering all associates to succeed.

PRO EXPERIENCE

Data Scientists within Pro Experience deliver data-driven, analytical solutions and innovation to the teams that bring value to Home Depot Pro Customers. They apply established analytical processes on diverse datasets to deduce insights and solve real-world business problems.

SUBSIDIARY

GLOBAL CUSTOM COMMERCE (GCC)

This centralized analytics team supports GCC's core business (formerly Blinds.com) and Home Depot's Interconnected Retail experiences.

Based in Houston, Texas, GCC joined The Home Depot in 2014.

BLACK LOCUS

This cross-functional team builds cloud-based analytic tools to optimize and automate retail merchandising solutions such as pricing, assortment, space, and fulfillment. By applying machine learning and revenue management techniques, the BlackLocus platform enables intelligent retail software to identify opportunities for competitive advantage.

Based in Austin, Texas, Black Locus joined The Home Depot in 2012

QUOTE CENTER

Data Scientists within QuoteCenter focus on driving business profitability, increasing efficiencies, and improving the Associate experience to fuel the Pro marketplace sales within our global supply chain. QuoteCenter has the scale and network of a multi-billion-dollar organization, with the access and entrepreneurial spirit of a small company.

Based in Vancouver, Washington, QuoteCenter joined The Home Depot in 2013

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