

## Clear Demand Company Overview

Clear Demand delivers more value faster to retailers by helping them optimize their pricing and merchandising initiatives. This is accomplished through the most accurate science, the easiest to adopt products, leading innovations in machine intelligence, and a partnership model that delivers industry best practices and processes. Customers benefit from a large return on investment (ROI) and greater shopper loyalty. Architected on big data and delivered as a software-as-a-service (SaaS), Clear Demand's Intelligent Price Management and Optimization (IPMO) solution utilizes machine learning and can be administered from a public or private cloud. See how Clear Demand can support your retail pricing, promotions, and markdown strategies by visiting [www.cleardemand.com](http://www.cleardemand.com).

Clear Demand offers a competitive salary with stock options and a benefits package, including medical, dental, life insurance, and 401K Plan.

## Job Description – Senior Data Scientist

Clear Demand has an immediate opening for a Senior Data Scientist located in Scottsdale, Arizona. This is a permanent position with tremendous potential for growth. We are looking for a hands-on scientific programmer with experience solving mathematical problems. The candidate must be comfortable with regression, optimization, forecasting, statistics, and machine learning algorithms, preferably with experience in a business setting. We're looking for a candidate who can think creatively and execute ideas quickly. As Senior Data Scientist, you will be a member of Clear Demand's Science Team. You will work with Product Engineering and Professional Services to solve price, promotion, markdown, and forecasting problems for clients and develop industry leading software solutions. This position involves trouble shooting production issues and will require a strong sense of urgency to meet client timelines and service levels. There will be occasional periods of travel to customer sites required.

### Activities

- Software Development
  - Implement and support production software algorithms for demand modeling, optimization, and forecasting in C, C++, C#
  - Automated release testing
  - Code management
- Analytical Tools for
  - Develop and support data visualization tools in Python
  - Execute analytics projects such as store-zone clustering, KVI, value measurement
- Documentation
  - Data specifications
  - Patents
  - User guide content
  - PPT slides for customer presentations

### Required Skills

- Knowledge, experience and proficiency with:

- C, C++, C#, Python, and R
- Linux and Windows operating systems
- Big Data (such as SQL Clusters, Hadoop, and MongoDB) desirable
- Performance optimization and debugging
- SQL and Excel VBA is desirable
- Strong analytical skills in math and science.
- Experience working with large data volumes.
- Excellent written and oral communication skills and comfortable in a client-facing role
- Knowledge of retail pricing, merchandising, and category management is desired
- Experience in production software development (GIT, JIRA, etc.)
- Successful track record working in a cross-functional software team including professional services, science, and development
- Previous experience in creating and delivering requirements documents
- Team player, self-starter, ability to multi-task and work in a fast-paced environment
- Proficiency in Excel required
- Bachelor's degree required, master's degree in a quantitative field is strongly preferred (math, engineering, science, or economics)
- 5 years related experience with software vendors in retail
- Knowledge, experience, and proficiency with software development technology
- Displays superior business acumen and communications skills to work effectively with corporate leadership teams. Adds value to the organization and ability to liaise effectively between technical and non-technical stakeholders.
- Takes initiative to identify and address issues and opportunities, and proactively contributes to the business.

**Education**

College degree in Engineering, Mathematics, or Physics is required

To apply, please send your resume to [HumanResources@ClearDemand.com](mailto:HumanResources@ClearDemand.com).

To learn more about Clear Demand, visit <http://ClearDemand.com>.