# Sr. Data Scientist

**Company Overview:**

First Performance develops the next generation of financial card controls, AI/ML based data enrichment, and digital engagement to leading processors and banks across the world. We empower their cardholders to use, manage, and control their finances digitally.

First Performance is a global company headquartered in Midtown Atlanta's hub of technology and innovation and has offices also in Santiago, Chile and Sao Paulo, Brazil.  We are backed by some of the largest and most respected financial and corporate investors including MasterCard, Fiserv/First Data, Synchrony Financial, Regions Bank, RRE Ventures, and Thandorf.

Everyone at First Performance brings purpose and passion to work every day.  Our teams are small, dedicated, and collaborative. Individuals are given ownership and accountability for their work.  Our company is not just about technology, it's about people. We help employees to build great careers and live great lives, especially in these complicated times. Our goals are about achieving success for our customers and for our company.  If you love to invent, have an entrepreneurial spirit, and strive for operational excellence, we want you on our team!

**Position Description:**

The Data Scientist will be instrumental in developing the core algorithms that make up the data insight offerings. This person would be working with product managers and customers to help identify opportunities and establish viability of new insight ideas.

**Responsibilities:**

Partner directly with the product team by applying descriptive and predictive analytics where it will have a material impact.

- Apply a diverse set of tactics such as statistics, quantitative reasoning, and machine learning to research and produce insights
- Lead and coordinate on complex projects that extend beyond the traditional boundaries of product domains, analytics, and data science
- Communicate analysis and decisions to high-level partners and executives in verbal, visual, and written media
- Lead the data strategy of embedded product engineering, to help make well-informed architecture and design decisions that affect data at Square
- Develop resources to empower data access and self-service so your expertise can be used where it is most impactful

**Qualifications**

- 4+ years of analytics and data science experience or equivalent

- M.S or Ph.D. in a quantitative field (mathematics, statistics, or similar STEM field)
- Experience building relationships to influence product partners with data
- Experience applying both statistical and machine-learning techniques to solve practical product offerings such as scoring, location/merchant predictions, spend behavior, etc. Experience with machine learning & AI techniques, including applied statistics, mathematical optimization, linear programming, monte-carlo simulation, RNN/LSTMs, reinforcement learning and causal inference
- Strong hands-on proficiency with common data science and machine learning software (Python, Tensorflow, PyTorch, SQL, Jupyter). Experience with AWS Sagemaker / EMR would be a plus.
- Strong expertise in machine learning algorithms and frameworks, along with extensive experience working with large datasets, data blending and structuring to feed production grade ML pipelines
- Familiarity with data warehouse design and best practices
- Fluency with data, analytics, and visualization technologies

**Contact Information:** HR@FirstPerformance.com