



Risk Analyst, Transaction Risk Management

The Transaction Risk Management group manages risk on every transaction placed through the Amazon eCommerce platform worldwide. We develop innovative concepts and systems to ensure that the Amazon eCommerce platform and our third party marketplace is the safest and most trusted place to shop online, and to drive growth and profitability through novel analytics. Our high calibre team of statisticians, risk analysts, software engineers and operations staff use rigorous quantitative methods, statistics and AI to automate decisions and build highly scalable transactional systems that help us accelerate the good and attenuate the bad, with great impact on the profitability of the company. Amazon offers analysts the opportunity to work with vast stores of exceptionally rich data on internet transactions, and implement business-impacting predictive models and policies very rapidly. See your analyses turn to bottomline results in weeks!

Job function:

The ideal candidate will use state-of-the-art statistical or machine learning techniques to research and analyze complex statistical data related to all facets of risk management and fraud prevention at Amazon worldwide. Responsibilities include:

- Analyzing and understanding large amounts of Amazon’s historical operations and customer history data for identifying specific risk instances and broader risk trends
- Innovating key initiatives around bad debt reduction, including discovering novel fraud/risk trends and designing specific solutions to avert loss
- Evaluating and optimizing existing and new analytical models for risk management
- Building/optimizing existing and new analytical models for risk detection, optimization of investigations workload, and lifecycle risk management for sellers.
- Overseeing the implementation of new risk controls, assessing their results, and assisting in operational fine-tuning of risk controls
- Working closely and providing coordination between the analytics, engineering, and operations teams to drive key process improvements
- Establishing scalable, efficient, repeatable processes for large scale data analyses to support the creation and interpretation of key business metrics
- Developing key metrics and model reports for communication with business leaders
- Driving significant improvements in free cash flow through automation

Profile of ideal candidate:

Minimum qualification for this position would be a highly experienced analyst with one or more years of hands-on experience with data analysis in a variety of quantitative fields. An MS/PhD degree in Statistics, CS machine learning, CS with strong quantitative training, Operation research is a requirement. The candidate shall be passionate for analyzing the data of massive sizes to drive for results in a fast pace environment. The candidate should have a strong ability in

statistical modeling and analysis. The candidate should be familiar with SAS, SQL, Perl/Ruby and Unix/Linux environment. The candidate should have good communication skills. He/She should be capable of, and motivated to collaboratively work with a diverse and innovative team of engineers, analysts, operations personnel and business management to achieve superior bottom-line results.

www.amazon.com/careers

job-id: 113948

email resume to: event-resumes@amazon.com