- You have recently graduated or on your final year of studies towards a BS, MS or MBA or equivalent in Computer Science, Mathematics, Economics, Information Management, Statistics or a related field - You have a GPA of 3.0 or higher - You know how to work a problem from beginning to end with data science tools and techniques, including data manipulation (SQL, Hadoop, etc.) and programming (R, Python, XML, Javascript, or ETL) frameworks - You have experience with Oracle databases, strong knowledge of and experience with reporting packages (Business Objects etc), and are knowledgable of statistics for analyzing large datasets (Excel, SPSS, SAS etc). - You possess technical knowledge regarding data models, database design development, data mining and segmentation techniques - You possess strong analytical skills with the ability to collect, organize, analyze, and disseminate significant amounts of information with attention to detail and accuracy - You are proficient in queries, report writing and presenting findings

• Master’s degree in Data Science, Statistics, Mathematics, Computer Science, Engineering, or a related field, or Bachelor’s Degree plus two years of relevant experience required. • Ability to build effective business relationships with clients, peers, and associates. • Basic knowledge of statistics modeling, solution techniques and tools. • Ability to understand the uses and limitations of statistical methodologies such as time-series forecasting, regression analysis, random forests, k-means clustering and Bayesian methods, machine learning, and the ability to select the appropriate methodology to complete assignments. • Ability to learn and utilize statistical programming languages and tools such as R, SAS, Python SQL, SPSS, and Tableau. • Ability to effectively communicate technical information and concepts to non-technical audiences.

• 3+ years experience working with and analyzing large data sets to solve problems • A PhD or MS in a quantitative field (e.g., Economics, Statistics, Sciences, Engineering, CS) • Expert knowledge of a scientific computing language (such as R or Python) and SQL • Strong knowledge of statistics and experimental design • The ability to communicate results clearly and a focus on driving impact Nice to haves: • Prior experience with data-distributed tools (Scalding, Hadoop, Pig, etc).

Statistical modeling, SAS, SQL, R, analytics, regression modeling, customer churn modeling, campaign analytics

• MS in Computer Science, Statistics, Computational Linguistics, Artificial Intelligence or related field with 3+ years of relevant industry experience. • Experience with Financial data sets, or S&P's credit ratings process is highly preferred. • Knowledge and working experience in one or more of the following areas: Natural Language Processing, Machine Learning, Question Answering, Text Mining, Information Retrieval, Distributional Semantics, Data Science, Knowledge Engineering • Proficient programming skills in a high-level language (e.g. Java, Scala, Python, C/C++, Perl, Matlab, R) • Experience with statistical data analysis, experimental design, and hypotheses validation • Project-based experience with some of the following tools: • Applied machine learning (e.g. libSVM, Shogun, Scikit-learn or similar) • Natural Language Processing (e.g., ClearTK, ScalaNLP/Breeze, ClearNLP, OpenNLP, NLTK, or similar) • Statistical data analysis and experimental design (e.g., using R, Matlab, iPython, etc.) • Information retrieval and search engines, e.g. Solr/Lucene • Distributed computing platforms, such as Hadoop (Hive, HBase, Pig), Spark, GraphLab • Databases (traditional and noSQL)

• Doctoral degree in a technical field and two-three years of related work experience, or a Master's degree in a technical field and at least 3-4 years of related work experience, or a Bachelor's degree in a technical field and at least 8-10 years of related work experience. • Significant professional experience required applying quantitative analysis and modeling to solving real-world business problems including experience in model validation, testing and deployment • Demonstrated proficiency in Python/PySpark required • Demonstrated ability to perform high quality work both independently as leading a team of data scientists and data engineers • Excellent oral and written communication skills, including the ability to explain complicated quantitative concepts to non--technical stakeholders using effective story telling techniques and visualization • Ability to translate business requirements into detailed analysis plans. • Ability to prioritize requests to meet the most important and urgent business needs • Working knowledge of insurance industry is a plus • Prior exposure to financial services or insurance industry preferred

Requirements • MS/PhD, in statistics, computer science, mathematics, engineering, operations research, or other quantitative field required • 3- 5 years experience in Data Science and/or advance analytics required • Solid knowledge of both theory and practice of data science required. Demonstrated expertise in some or all of the following: probability, statistics, operations research, simulation, time series analysis, classification and clustering methods, variable selection, decision trees, Bayesian statistics, deep learning. • Programming: 2+ years of experience in languages such as R, Python, Spark, Scala, Java • Big Data Ecosystem: MapReduce, Hadoop, Parallel and Distributed Computing • Databases: 2+ years of database experience using SQL, Hive, or similar. Experience with data blending tools such as Alteryx or KNIME is a plus. • Familiarity with modern data science libraries and tools, including but not limited to Scipy, Scikit-learn, Pandas, Tensorflow, Keras, and similar. • Experience with visualization software such as Tableau is a plus. • Communication Skills – Business Writing and Presentation • Influencing and negotiation skills • Business acumen

• Bachelor's Degree in a related field and 3-10 years of relevant experience • Active TS/SCI Clearance required • Ability to conceive and prepare thorough, well-articulated tactical or strategic data science products • Ability to identify, retrieve, manipulate, relate and/or exploit multiple structured data sets from various sources • Ability to identify problems to which data science can be applied and initiate appropriate solutions • Ability to identify and appropriately evaluate a wide range of existing methods, models and algorithms in familiar domains for a variety of mission driven problems while recognizing the capabilities and limitations of each method • Demonstrated strong writing and oral communication skills

• You are a strong communicator with excellent verbal and written presentation skills • You are a seasoned data analyst with 6+ years of experience measuring impact of • online site changes. • You have strong application knowledge and experience with website measurement • tools like Adobe Analytics • You have strong application knowledge of Data Mining techniques • Proficient with Tableau or other Data Visualization tools is preferred • Proficient developing effective presentations in Keynote or Microsoft PowerPoint. • Working knowledge of SQL (Teradata especially) is a plus. • Working knowledge of Python is a plus Description • To be successful in this position, you should – • Be a driven, accountable and a highly spirited team player. • Be able to deliver high quality work within deadlines.

-Bachelor’s Degree plus 2 years of experience in data analytics, or Master’s Degree plus 1 year of experience in data analytics, or PhD -At least 1 year of experience in open source programming languages for large scale data analysis -At least 1 year of experience with machine learning -At least 1 year of experience with relational databases

• Strong problem solving skills with an emphasis on product development. • Knowledge of a variety of machine learning techniques (clustering, decision tree learning, artificial neural networks, etc.) and their real-world advantages/drawbacks. • Knowledge of advanced statistical techniques and concepts (regression, properties of distributions, statistical tests and proper usage, etc.) and experience with applications. • Knowledge and experience in statistical and data mining techniques. Required Experience • Experience using statistical computer languages (R, Python, SLQ, etc.) to manipulate data and draw insights from large data sets. • Experience working with and creating data architectures. • Experience querying databases and using statistical computer languages: R, Python, SLQ, etc. • Experience creating and using advanced machine learning algorithms and statistics: regression, simulation, scenario analysis, modeling, clustering, decision trees, neural networks, etc. • Experience with distributed data/computing tools: Map/Reduce, Hadoop, Hive, Spark, Gurobi, MySQL, etc. • Experience working in google cloud. Education Requirements • Bachelor’s Degree in Computer Science, Computer Engineering or a closely related field

-Bachelor’s Degree plus 2 years of experience in data analytics, or Master’s Degree, or PhD -At least 1 year of experience in open source programming languages for large scale data analysis -At least 1 year of experience with machine learning -At least 1 year of experience with relational databases Preferred Qualifications: - Master’s Degree or PhD - Experience working with AWS - At least 2 years’ experience in Python, Scala, or R - At least 2 years’ experience with machine learning - At least 2 years’ experience with SQL

• Masters in statistics, computer science, math, physics, optimization, engineering, or similar hard science. PhD preferred. • At least 8 years post education experience • Strong programming aptitude. Can and wants to adapt to different languages and systems. (SAS, SQL, Python, R, Shiny, Hadoop, Hive, Cloud environments, ect). • Experience building and implementing predictive models • Experience working on open ended custom analytic requests • Drive to find answers, motivation to learn and adaptive to changing business needs • Enjoys being in the data and finding value/insight • Dedication and perseverance to overcome data, analytical, and/or technical challenges Additional Preferred Skills • Digital advertising experience • Enjoys latitude to create and make an impact

• Ph.D. in machine learning, computer science, engineering, mathematics, statistics, operations research, or related discipline; OR • Masters degree in (same disciplines mentioned above) AND 2+ years experience after graduate school in computation, data science, machine learning or related; OR • Bachelor degree AND 4+ years experience • Experience with • Statistical programming in R and Python • SAS E-Guide and E-Miner • Advanced SQL queries on big data • Building machine learning algorithms • Learning new data science techniques • Good communication and presentation skills • Ability to work well in a team environment

The Incumbent will • Work on complex projects that require subject matter expertise across multiple functional areas, operations or processes • Formulates complex mathematical models in an appropriate programming language or application • Analyzes raw input data from computer or other media • Leads project planning sessions with clients, business analysts, and team members to gather and analyze user requirements. • Develops business case analysis to support recommendations • Validates and tests of models to ensure adequacy, or determines need for reformulation • Facilitates the design, development, and planning of viable solutions to complex business problems according to user specifications. Complies with project methodology requirements • Utilizes and stays current on applicable programming languages and software technologies • Track progress and report out to stakeholders • Provides direction, tools and process support to less senior associates • Know what quality means, strive for quality, design for quality, test and refine until a very high quality is achieved, and continuously improve • Deliver prototypes / proofs of concept • Recommend plans to bring to Production What You Bring To The Team • Ph.D. in machine learning, computer science, engineering, mathematics, statistics, operations research, or related discipline AND 2+ years’ experience after graduate school in computation, data science, machine learning or related; OR • Masters degree in (same disciplines mentioned above) AND 4+ years’ experience; OR • Bachelor degree AND 6+ years’ experience • Computing skills: programming (e.g., C++), cloud distributed computing, python / R, machine learning framework(s) (e.g., sk-learn, tensorflow), linux, bitbucket, Target Process/JIRA or other issue-tracking • Good communications, verbally, and also have ability to construct cogent design documents, emails and PowerPoints • Atlanta-based • Ability to travel up to 25%

- You are currently enrolled in a BS, MS or MBA program or equivalent in Computer Science, Mathematics, Economics, Information Management, Statistics or a related field - You have earned a minimum of a 3.0 GPA - You know how to work a problem from beginning to end with data science tools and techniques, including data manipulation (SQL, Hadoop, etc.) and programming (R, Python, XML, Javascript, or ETL) frameworks - You have experience with Oracle databases, strong knowledge of and experience with reporting packages (Business Objects etc), and knowledge of statistics for analyzing large datasets (Excel, SPSS, SAS etc). - You possess technical knowledge regarding data models, database design development, data mining and segmentation techniques - You have strong analytical skills with the ability to collect, organize, analyze, and disseminate significant amounts of information with attention to detail and accuracy - You are proficient in queries, report writing and presenting findings

• Experience using machine learning, statistical modeling, and other quantitative techniques to solve business problems. • Ability to crunch, process, and prepare large data sets. • Possess understanding of and ability to communicate statistics to experts and non-experts. • Experience building production data pipelines. • Experience with one or more of: Java, C/C++, Scala, Python, R, SQL • Familiarity with building on one or more of: Yarn, Spark, Hadoop, AWS, Azure, Google Cloud • Bachelor's degree or equivalent work-experience preferred.

· Work with stakeholders throughout the organization to identify opportunities for leveraging company data to drive business solutions. · Retrieve data required for analyses from internal/external sources while ensuring data quality · Perform statistical analyses and build machine-learning models to deliver insights · Prioritize data science solutions development opportunities to create maximum business value · Build and test solution prototypes to demonstrate potential value to management · Standardize and implement solutions across Rakuten group in an efficient, scalable manner · Collaborate with business managers, engineers, and R&D teams to effectively identify new opportunities and systemize development operations/process · Follow trends in modern technology (AI) and propose innovative approaches Minimum Qualifications: · Masters in Computer Science, Mathematics, Statistics, or related field · 2+ years of experience as a data scientist · Experience building end-to-end data pipeline solutions. · Solid background in SQL, and a statistical computer language (Python, R). · Knowledge of a variety of machine learning techniques (GLM/regression, decision tree learning, boosting, deep neural networks, text mining, etc.) and their advantages/drawbacks · Ability to identify, summarize, and visualize business issues · Self-motivated, team-oriented, responsible, and reliable with a positive attitude and strong communication skills Preferred Qualifications: · PhD in Computer Science, Physics, Mathematics, Statistics, Engineering, or relevant field · Vast experience in industry application of statistics for data analysis (hypothesis testing, Bayesian analysis, time series analysis, experimental design, power and sample sizes, etc.) · Experience with big data tools (Hadoop, Hive, etc.)

-Curious. You ask why, you explore, you're not afraid to blurt out your disruptive idea. You probably know Python, Scala, or R and you’re constantly exploring new open source tools. -Wrangler. You know how to programmatically extract data from a database and an API, bring it through a transformation or two, and model it into human-readable form (ROC curve, map, d3 visualization, Tableau, etc.). -Creative. Big, undefined problems and petabytes of data don't frighten you. You’re used to working with abstract data, and you love discovering new narratives in unmined territories. Twenty-five years after Capital One was started it’s still led by its founder. Be ready to join a community of the smartest people you’ve ever met, who see the customer first, and want to use their data skills to make a difference. Basic Qualifications: -Bachelor’s Degree plus 2 years of experience in data analytics, or Master’s Degree, or PhD -At least 1 year of experience in open source programming languages for large scale data analysis -At least 1 year of experience with machine learning -At least 1 year of experience with relational databases Preferred Qualifications: - PhD in a “STEM” (Science, Technology, Engineering, and Mathematics) field - Experience working with AWS - At least 2 years’ experience in Python, Scala, or R - At least 2 years’ experience with machine learning - At least 2 years’ experience with SQL

M.S. or Ph.D. in Statistics, Computer Science, or another quantitative fieldStrong background in statistical and machine learning techniques such as deep learning, anomaly detection, clustering and ranking of events, time series analysis, event stream mining, hypothesis testingGreat at communicating concepts and results; strong data visualization skillsExpert Python coder (PySpark, Scikit-learn); experience with software engineering best practiceAdditional preferred skills2 years of relevant industry experience in data science, machine learningExperience with online learning algorithms, reinforcement learning, semi-supervised learning, or mixed time-series/event streamsFamiliarity with wireless and wired networking protocolsProficiency in big data computing infrastructure (Hadoop ecosystem

• Extensive knowledge of natural language processing and machine learning techniques and ability to apply them at a professional level • Proficiency in multiple programming languages including Java and Python, willing to learn new languages as needed • High degree of proficiency in data analysis and preparation techniques • Strong quantitative skills with the ability to apply both simple and complex statistical methods • Extensive knowledge of natural language processing and machine learning techniques and ability to apply them at a professional level • Experienced in imperative, functional and object-oriented programming paradigms and know when to use which • Focused on developing scalable solutions that solve a particular problem, but are generalized to the right level such that the same solution can be applied to other problems • Embrace test-driven development and other agile techniques in order to produce quality software. Constantly try to improve existing systems / architecture • Keep on top of the latest advancements in software development • Willingness to join a small team of like-minded, quality focused professionals in a fast-paced environment with high focus on product delivery and constant innovation where you will be able to make a significant impact to the overall platform

• Ph.D. in statistics, mathematics, bioinformatics, computational biology, genomics, computer science or a related field with 5+ years of work experience. • Proficient in at least one of following programming languages: Python, R, SAS, Matlab, JavaScript or SQL. • Extensive experience in machine learning, predictive modeling or deep learning is required. • Strategic thinker and outstanding team player with strong interpersonal and communication skills. • Strong publication record in peer-reviewed journals, pharmaceutical industry experience, and people management experience is preferred. • Knowledge of biology in oncology, liver disease, virology, inflammatory diseases or experience in web application or database development is a plus

Experience building, testing, refining and putting into production machine learning models. • Master's or PhD in a STEM field. • A big "Plus" would be experience working in the advertising or marketing industry. Who are We? We are located in Midtown Manhattan and are one of the world’s leading media and entertainment companies in the development, production, and marketing of entertainment, news, and information to a global audience.

• Ph.D. in machine learning, computer science, engineering, mathematics, statistics, operations research, or related discipline; OR • Masters degree in (same disciplines mentioned above) AND 2+ years experience after graduate school in computation, data science, machine learning or related; OR • Bachelor degree AND 4+ years experience • Experience with • Statistical programming in R and Python • SAS E-Guide and E-Miner • Advanced SQL queries on big data • Building machine learning algorithms • Learning new data science techniques • Good communication and presentation skills • Ability to work well in a team environment

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Bachelor's degree in Computer Science, Engineering, Mathematics or other STEM-related field • 2+ years of relevant consulting or industry experience • Ability to obtain or maintain the required security clearance for this role (Clearable to TS/SCI) • Individual will work on small teams to conceptualize, design, develop, test, and harden for deployment advanced analytics, e.g. algorithms in Python, R, C++, SQL, and other tools as required by the client’s problem and environment • Must have a strong orientation to quantitative, data-driven analysis including some of the following skills: MS Excel – expert proficiency as demonstrated by advanced use of array and nested formulas and strong pivot table use; Demonstrated understanding of statistics and ability with any of the following: SAS, STATA, SPSS or Matlab • Data Visualization: Tableau; Qlikview; D3, Spotfire, Oracle BI, Cognos BI • Will likely contribute to the design and development of visualizations and other decision products tailored to the advanced analytics and the client’s decision problem; will be required to both perform analytics and communicate analytic findings and outputs Preferred: • Prior professional services or federal consulting experience • Experience working with quantitative analysis of structured, semi-structured, and unstructured data to assess contextual and spatial/temporal relationships in the data.

Data Scientists are responsible for researching new trends in the industry and utilizing up-to-date technology (for example, HBase, MapReduce, LAPack, Gurobi) and analytical skills to support their assigned project.Build complex data sets from multiple data sources, both internally and externally.Build learning systems to analyze and filter continuous data flows and offline data analysis.Combine data features to determine search models.Conduct advanced statistical analysis to determine trends and significant data relationships.Demonstrates up-to-date expertise and applies this to the development, execution, and improvement of action plansDevelop custom data models to drive innovative business solutions.Develop models of current state in order to determine needed improvementsModels compliance with company policies and procedures and supports company mission, values, and standards of ethics and integrityProvides and supports the implementation of business solutionsResearch new techniques and best practices within the industry.Scale new algorithms to large data sets.Train algorithms to apply models to new data sets.Utilize system tools including (MySQL, Hadoop, Weka, R, Matlab,ILog).Validate models and algorithmic techniques.Work with cross-functional partners across the business.Minimum Qualifications Bachelor of Science and 5 years data science experience OR Master of Science and 2 years data science experience.Preferred Qualifications Internship or industry experience with Machine Learning projects Experience in handling large dataset Familiarity with Deep Learning

• Masters degree in a quantitative field such as Financial Engineering, CS, EE, Information sciences, Statistics, Mathematics, Economics, Operations Research, or related, with focus on Quantitative Finance, Machine Learning , AI , NLP , deep learning, and/or / data-driven statistical analysis & modeling • Strong and proven programming skills in Python, R, C/C++ and with machine learning frameworks such as tensorflow, PyTorch etc., • Experience beyond using open source tools as-is, and writing custom code on top of, or in addition to, existing open source frameworks Preferred: • 1+ years of experience with NLP and machine-learning-based algorithms, solutions and frameworks for natural language understanding, document classification, entity recognition, document understanding, parameter extraction, and/or representation learning, as well as with the creation and evaluation of annotated training corpora. • Familiarity with NLP models and frameworks such as NLTK, Stanford NLP, SpaCy, and others. • Experience deploying machine learning models in a production environment.

5 years experience in Data Science and IO Psychology, learning and development, Talent Management2 years of experience with machine learning, statistical modeling, data mining, and analytics techniques.Experience in one or more natural language processing topics: tagging, syntactic parsing, word sense disambiguation, topic modeling; contextual text mining, and application of deep learning to NLP desirable.Ability to be comfortable working with high volume data, figures, and statistics.Work collaboratively to architect and implement data-science solutions, mapping the data processing flow from raw data or data stores, to identifying optimal data analytics approaches, to data visualization and working with users to optimize the user experienceEDUCATIONAL REQUIREMENTSMBA, PhD in IO Psychology, MS in Data Science, Data Analytics or related field such as IO

Requires PhD degree or the equivalent in Statistics or related field of study and 3 years of experience in role as data scientist, quantitative analyst or statistician. Experience specified must include: researching, validating, and applying machine learning models; utilizing R or Python; utilizing Hadoop, SQL, or other relational databases; utilizing Tableau or other visualization tools; performing quantitative research on a consumer platform supporting more than 10 million users; developing performance assessment of individuals or teams around specific objectives; applying academic research to a corporate environment, specifically with Experiment Design, applying probable outcomes to business value and Indifference Regions in testing hypothesis for classification decisions; and translating and presenting technical topics to senior business leaders

• PhD in Computer Science, Physics, Statistics, Mathematics or relevant fields • Experience developing and implementing machine learning models in a non-academic setting • Experience working within a consultancy on a variety of projects • Experience in communicating with clients and C level management • Proficient in Python, SQL, SAS, R, Alteryx and Microsoft packages • Green Card or US Citizens only (sponsorship unavailable)

Must have advanced quantitative degree (MS or PhD) from a top tier school • Must have proven machine learning technology skills (Tensor Flow, XG Boost, dplyr, Pandas) • Must have strong programming and data science skills (Python, R) • Must be comfortable working with large amounts of data • Working experience in the Electricity Markets, (Transmission Studies, Congestion Analysis, Distribution, Nodal Simulation Models) is preferred, not required • Must have strong communication skills • Client will look at fresh PhD’s with research experience in machine learning data mining, predictive modeling, dynamic networks and data integration Keywords: Machine Learning, R, Python, Data Scientist, Electricity, Python, R, Quantitative Analyst

A self-starter with a can-do attitude and resilient work ethic. • 3+ years’ experience with coding in Python (pandas, numpy, scipy, etc). • 1+ years’ experience with data warehousing/BI technologies including one or more of the following or similar: Hadoop (i.e. HBASE, Hive, MapReduce, Sqoop, Spark, etc), Netezza and/or DataStage (ETL). • Some experience developing complex SQL and database views in a large data warehouse environment. • Knowledge of web app development with high-level framework (like Flask or Shiny). • Experience munging/wrangling data to create workable datasets from messy or noisy data sets. • Experience with data processing techniques such as dimensionality reduction, normalization, imputation, and feature extraction. • Experience developing reproducible prediction/forecasting model(s) such as deep learning, neural nets, decision trees, GLM, ARIMA, regression, etc. • Well-practiced in version control with git. • Experience with virtual environments or dockers for containerization. • 4-year degree in math, statistics, engineering, or information technology • 2+ years’ full-time work experience Nice to Haves • Experience with coding in R (dplyr, Shiny, ggplot, sparklr, etc) • Experience with unguided problem formulation or hypothesis development. • Experience with optimization techniques such as genetic algorithms, simulated annealing, etc. • Experience with data visualization (with tools like matplotlib, Tableau, ggplot, plotly, etc). • Knowledge of retail problems such as product classification, demand forecasting, supply chain optimization, etc. • Knowledge of NLP and text analytics. • Knowledge of web-scraping

BA/BS degree in statistics or mathematics. • Strong quantitative analysis skills using statistical software such as Python or R. • Working knowledge of Structured Query Language. (SQL) • Experience working with databases and large data sets. • Extensive knowledge of statistical methodologies including hypothesis testing, linear regression, modeling, simulation and analysis of variance. • Proficient knowledge in project management required including ability to prioritize and manage multiple projects. • High motivation with demonstrated capacity to work on multiple projects with set deadlines, under pressure. • Collaborative team player with willingness and desire to work with cross-functional teams of varying sizes. • Creative aptitude and ability and desire to explore opportunities for new research innovations. • Excellent oral and written communication skills required for presenting to and collaborating with groups of diverse backgrounds. • Ability to explain complex research concepts to individuals without a research background. • Extensive knowledge of Microsoft Office and Google Suite applications (Docs, Sheets, Slides, Excel, and Powerpoint) Desired Qualification: • MBA/MS or higher in a statistical, mathematical or technical field. • Internship or employment experience associated with statistical data analysis associated with media/market research. • Knowledge of large-scale, complex multi-stage surveys in Market Research or Government setting.

PhD or ScD in quantitative field such as Medical Informatics, Applied Math, Engineering, Computer Science or related field with a minimum of 3 years of industry or academic experience • Relevant Master’s Degree, with 6 or more years of related industry experience • Proficiency in at least two or more technical or analytical languages (R, Python, etc..) and a willingness to embrace new coding approaches. • Experience with advanced ML techniques (neural networks/deep learning, reinforcement learning, SVM, PCA, etc.). • An ability to interact with a variety of large-scale data structures e.g. HDFS, SQL, noSQL • Experience working across multiple environments (e.g. AWS, GCP, linux) for optimizing compute and big data handling requirements. • Ability to prototype analyses and algorithms in high-level languages embracing reproducible and collaborative technology platforms (e.g. github, containers, jupyter notebooks) • Exposure to NLP and dataviz capabilities preferred. • Strong oral and written communication skills • A demonstrated ability to work and collaborate in a team environment

Masters in Computer Science, Mathematics, Statistics • 5+ years' experience in a data science or data analysis role • Working knowledge of mining and analyzing data sets to extract meaningful trends, producing meaningful and actionable reports • Experience using statistical programming languages or toolkits for analyzing large, complex datasets • Technical proficiency with optimizing data collection, database design, data mining and modeling/analysis • Strong analytical skills, attention to detail and accuracy • Expert problem solving skills and creative thinking ability • Ability to distill and present key findings to managers and other stakeholders (both technical and non-technical individuals) • Project management skills with experience planning and coordinating full project lifecycle for data and research focused projects This is not a position for which non-US work visa sponsorship will be provided.

BA/BS in Data Science, Machine Learning, Statistics, or related STEM field • Proficiency in Python, R, SQL or another programming language • Experience or coursework in machine learning and/or natural language processing • Statistical modeling through software (e.g. SPSS) or programming language (e.g. Python) • Understanding of database and analytical technologies in the industry • Demonstrated ability to think strategically about business, product and technical challenges in an enterprise environment • Excellent oral and written communication skills • Ability to collaborate in a team environment • Live or be willing to relocate to New York Preferred Tech and Prof Experience • MS in Data Science, Machine Learning, Statistics, or related STEM field • Experience and/or coursework in Deep Learning • Advanced MS Excel skills (e.g. VLOOKUP, Pivot tables) • Professional experience with Spark and/or TensorFlow • Hands-on experience deploying analytical models to solve business problems • Ability to develop experimental and analytical plans for data modeling processes • Experience with data visualization tools

MSc or PhD in Machine Learning, Applied Statistics, Biostatistics, Data Science, Economics or related field • PhD/advanced degree plus 3+ years (or 6+ years of experience for non-advanced degree) of experience in statistical modeling and/or machine learning • Deep statistics knowledge/experience with predictive model applied in actual/business/client situations • Experience with generating data from highly complex and non-standard raw data (e.g., imputation, etc.) • Knowledge of the U.S. health and/or group specialty insurance industry OR experience developing predictive lead and churn models in B2 product environment • Strong preference for experience analyzing group health & ancillary (life, disability, tenetc) insurance • Will consider candidates with limited insurance knowledge but extensive experience with predictive sales models • Experience with data visualization software (Tableau, Shiny, etc) • Strong preference for candidates with R Shiny experience. • Demonstrated communication skills; comfortable presenting to internal and external level leaders