**Job Title:** Senior Data Scientist

**Summary of Role:** Work back from the business problems to be solved, collect proper data to do statistical analysis, select proper machine learning and/or deep learning modeling approaches, eventually rollout ML models in production environment to perfect business decision.

Meanwhile, coach junior associates during project collaborations.

**Responsibilities:**

* Understand business needs and explore appropriate data sources - be curious and proactive in exploring and understanding data.
* Perform data aggreagation, and feature engineering needed; write Python programming code to make visualizations, build, validate, and implement models.
* Collaborate with other data scientists and engineers.
* Be flexible and open to innovative ideas and alternative ways of solving problems.
* Be able to clearly communicate with and present the results to non-tech partners.

**Experience:**

* Master's degree (or higher) in Statistics, Data Science, Mathematics, Economics or related analytical discipline.
* At least one years’ experience in building end-to-end models in python (or similar language) through production. This requirement can be omitted for Ph.D. degree holders.

**Skills:**

* Proficiency in SQL and Python programming languages (pandas, numpy, scipy, scikit-learn, etc.)
* In-depth understanding of statistical knowledge and machine learning algorithms. Exposure and some deep learning knowledge are required.
* Specifically, expertise with the following techniques are must-haves to perform daily work: Linear Regression and GLM, GBM, Random Forest, XGboost, segmentation techniques, etc. Knowledge on Large Lanuage Models and Neural Networks are nice to have.
* Effective communication skills.
* Ability to learn new skills and independently take on tasks.