Function: Program Management

Family: Enterprise Business Intelligence

Job Title: Data Scientist I

Job Abbreviation: [To be Completed by Compensation Team]

Hierarchy Group: Professional

Hierarchy Level: Professional 1

FLSA Status: [To be completed by Compensation Team]

Summary:

Responsible for leveraging internal and external data to provide insights and information which supports a fact-based decision making process. Provides input into strategy, analysis methods, and tool selection. Works under general supervision and may require training and detailed instructions for assigned tasks.

Core Responsibilities:

- Interpret problems using existing procedures and framework and provide solutions to business problems using data analysis, data mining, optimization tools, and machine learning techniques and statistics (e.g., predictive models, LTV, propensity models).
- Develop and deploy predictive models based on historical data that provide future predictions about customer behavior.
- Constructs forecasts, recommendations and strategic/tactical plans based on applying data science techniques to business data.
- Create deliverables and presentations that report methodology and results of analysis.
- Produce analysis of historical patterns in customer behaviors and product performance from complex real-world behavioral data.
- Build customer centric models and optimization tools to support large scale projects that utilize online & offline data, structured & unstructured data, and set top box data, (and media/behavioral/attitudinal data).

Education Level: Master's degree, PhD preferred

Field of Study: Economics, Statistics, Mathematics, Decision Science, Operational Research, Computer Science, Engineering, or related field

Certifications:

Years of Experience: Generally requires 0-2 year's related experience.

Skills:

- PhD preferred
- Understanding of statistical modeling techniques such as regression, decision trees, neural networks, support vector machines, clustering techniques.
- Ability to develop statistical targeting models using SAS, R, Python, Weka, SPSS, MATLAB, etc.
- Understanding or experience working within an enterprise data warehouse environment, (including SQL, procedural SQL, and ETL) in a relational environments and MPP platforms (Teradata, Netezza, Oracle, etc.)
- Familiarity with distributed computing platforms, such as Hadoop, and associated technologies such as MapReduce, Spark, Yarn, and Hive
- Familiarity with at least 1 programming language such as Python, Scala, Julia, Java, C++, etc.

Compliance: BlueWhale is an EEO/AA/Drug Free Workplace.

Disclaimer: The above information has been designed to indicate the general nature and level of work performed by employees in this role. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications.