Function: Program Management

Family: Business Intelligence

Job Title: Senior Principal Data Analyst 6

Job Abbreviation: [To be Completed by Compensation Team]

Hierarchy Group: Professional

Hierarchy Level: Professional 6

FLSA Status: [To be completed by Compensation Team]

Summary:

Responsible for working cross-functionally to collect data and develop models to determine trends utilizing a variety of data sources. Imports, cleans, transforms, or manipulates data with the purpose of understanding or making conclusions from the data for decision making purposes. Recognized as an expert in own area within organization. Provides leadership, mentoring, and guidance. May participate in the development of business strategy. Decisions are far-reaching in terms of setting precedents for the business and technology.

Responsible for working with more senior business intelligence staff to define business intelligence requirements for individual subject areas. Responsible for leading technical teams and projects; manage performance of team members in a supervisory role or act as a coach/mentor to others. Act as SME for job roles and functions; be knowledgeable of team members and their capabilities; develops team members. Demonstrate good presentation skills; communicate effectively with executive management and all levels of the organization. Responsible for providing training to junior team members, reaching out to other areas and collaborating with the other departments. The role requires an individual with experience to collaborate with both the analytic organization and its technology partners to define and publish complex data products. You will provide leadership, mentoring and guidance to others, but may not directly manage people

Core Responsibilities:

- Performs advanced data analysis techniques such as regression, principal component analysis, and clustering on large datasets.
- Communicate with both executive leaders and data scientists regarding analytical projects that the team has produced.
- Create analytical roadmaps, develop and plan long term strategies involving multiple projects around team objectives.
- Provides consultative direction for the team and the organization as a whole. Develop long-term objectives and plans onfor tactical and strategic issues. Determines resources, technology, and course of action to achieve results.
- Seeks out new ideas and methodologies, then provides training to and acts as technical resource for team members.
- Contribute to multiple enterprise wide projects by providing data analysis to project leaders.

- Transforms business owner requests into project data deliverables to include data models, target data mappings and data transformation rules.
- Acts as a subject matter expert in multiple data subject areas such as sales, call center, network operation, and financial data.
- Leads major projects throughout project lifecycle, including during test phase; researches test issues and data content, and assists with complex problem resolution.
- Support data analysis activities by way of prototype database an architecture implementations
- Write complex SQL to query large data platforms such as Teradata, SQL server, Oracle and Hadoop to obtain data necessary for analysis. Including complex subqueries, correlated subqueries, and nested queries.
- Formulates and tests hypotheses, weighs alternatives, and determines appropriate recommendations for actionable insights.
- Propose report formats, including graphical presentations to effectively communicate meaningful data trends and relationships. Designs new methods and best practices for analysis and presentation of comparative data.
- Serves as a team leader within a work group or on cross-functional teams; accepts team lead stretch assignments. Leads discussions and presentations of results, recommendations, and business insights to broader senior leadership team.
- Innovates and evaluates at a senior level. Drives solutions through other teams. Thinks strategically across multiple technologies. Functions with great autonomy and provides solutions and guidance independently on other engineering projects within the functional unit and outside
- Defines technical roadmap. Is a lead contributor and may participate in development of business strategy. Is recognized as an expert in the field. Has overarching industry knowledge (technical, business acumen, cross products)
- Develops strategies to provide future growth for up and coming analysts. Exhibits a strong work ethic and is accountable to deadlines. Shares data with team. Makes themselves replaceable. Does not develop silo views. Is able to communicate/collaborate with internal and external contacts/vendors; understands context of work outside function
- Understands context of work outside; moves projects forward; has the ability to prioritize work within team; recognizes and resolves problems. Is fluent with primary technology and proficient in one or more secondary technologies. Is able to learn new technology skills. Is fluent with tools
- Acts as a liaison between business owners and technical associates to ensure the data collected and processed is both actionable and relevant to the end goals of customer focused information and analytics
- Functions independently and works under consultative direction toward predetermined long-range objectives. Determines and pursues course of action necessary to achieve results. Runs larger, more complex projects; documents clearly; refines group process, delegates tasks, represents team on a project call
- Has the ability to innovate and evaluate at a senior level; drives solutions through other teams; thinks strategically across one or more technologies. Keeps current on cutting-edge technology and educates others on it. Acts independently to determine methods, techniques and procedures on new or special assignments

- Drives and champions change; innovatively solves problems; is willing to take risks and contribute innovative ideas. Interacts with other groups to give design solutions and interacts with internal customers. Gets exposure to large-scale systems/designs; increases span of control or influence without direct control to achieve goals.
- Is able to prioritize across teams and forge relationships with other teams. Looks at the big picture and handles multiple projects at one time. Has mastery of one or more tools. Acts as a mentor/teacher to a large group/team
- Works on significant and unique issues, where analysis of situation or data requires an evaluation of intangibles. Applies expert engineering methodologies in one or more engineering areas. Provides consultative direction and develops long-term objectives and plans on tactical and strategic issues. Determines resources, technology and course of action to achieve results
- Acts as a source of expert knowledge; develops and provides solutions for complex business requirements; understands technical impact at Bluewhale-wide level; drives architecture and development, jumps in to resolve critical issues. Acts as an expert in analyzing, troubleshooting, problem solving and decision making
- Manages creative process and people; creates environment for employees to contribute innovative ideas and concepts often; drives change and is a change champion. Presents and defends market ideas and concepts to peers and management

Education Level: Bachelor's Degree required. Master's degree a plus

Field of Study: Business, Business Intelligence, Information Systems, or related field

Certifications: -

Years of Experience: Generally requires 15+ years related experience.

Skills:

- Master's degree a plus
- Expert with SQL programming
- Expert with reporting tools like OBIEE, SQL Reporting Services, Business Objects, Cognos, etc. Expert in Microsoft Excel (Pivot tables, advanced functions)
- Be a self-starter, is eager to learn and expand their competencies, and feels comfortable sharing knowledge across the entire team
- Knowledge of Amdocs and/or CSG billing systems is strongly preferred. Field reporting experience a plus
- Ability to analyze complex data, business processes, and information flow needs. Must have excellent communication skills with the ability to drive data quality concepts and solutions.
- Functional Competencies: Relational database development (Oracle, Teradata). OLAP technologies (Essbase). Large data platforms and data sets (Hadoop, Hive). ETL tools and platforms (ODI, Informatica). Data Virtualization tools (Composite). Programming language such as Java, C++ etc
- Interpersonal Competencies: Strong troubleshooting and problem solving skills. Team player with a "can-do" attitude. Personal initiative to find opportunities and drive results working independently

- Demonstrated ability to pick up key concepts and apply them to work. Demonstrated ability to analyze, troubleshoot, problem solve and provide input on decision making.
- Task oriented, proactive in identifying and adapting to change while maintaining performance. Produces creative ideas for problem solving, product design and process improvement
- Ability to listens to and understands customer requests and provides the most effective resolution, including escalation if necessary
- Expert working within an enterprise data warehouse environment platforms (Teradata, Netezza, Oracle, etc). Familiar with core standards and off-the-shelf software applications. Knowledge of at least one programming skill/language and or ability to learn technology quickly
- Solid time management skills and deliverables with high-quality work production that meets deadlines. Demonstrate understanding of project management processes from start to finish and be able to communicate effectively for the success of the team
- Strong skills using distributed computing platforms, such as Hadoop, and associated technologies such as MapReduce, Spark, and Hive
- Experience with SQL programming
- Knowledge of reporting tools like OBIEE, SQL Reporting Services, Business Objects, Cognos, etc. Proficient in Microsoft Excel (Pivot tables, advanced functions)
- Be a self-starter, is eager to learn and expand their competencies, and feels comfortable sharing knowledge across the entire team
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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.