

Function: Program Management

Family: Business Intelligence

Job Title: Principal Data Analyst 5

Job Abbreviation: [To be Completed by Compensation Team]

Hierarchy Group: Professional

Hierarchy Level: Professional 5

FLSA Status: [To be completed by Compensation Team]

Summary:

Responsible for working with more senior business intelligence staff to define business intelligence requirements for individual subject areas. Works cross-functionally to collect data and assists with modeling actionable recommendations by helping to infer trends from a variety of data sources. 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. Acts as a technical expert in own area within the organization. May work independently or as part of a team on more complex projects. Provides mentoring and guidance to more junior team members. May be responsible for leading a team, but does not directly manage people. 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. Responsible for documenting results of applied work processes and practical application of technical standards. You will serve as a team leader within a work group or on cross-functional teams; lead stretch assignments, acts as a resource for colleagues with less experience.

Core Responsibilities:

- Vets recommendations to determine viable options and provides business case to management. Transforms business owner requests into project data deliverables, including developing data models, target data mappings, and data transformation rules.
- Leads major projects throughout that integrate the entire 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 and 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 Develops and defines 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.
- Provides training to and act as technical resource for team members.
- Acts as a subject matter expert in one or more data subject areas such as sales, call center, network operation, and financial data.
- Participates in defining business intelligence requirements for projects and data requests.
- Participates in multiple enterprise wide projects by providing data analysis to project leaders.
- Develops strategies to provide future growth for up and coming engineers. Looks at an aerial view (architectural perspective) in order to solve problems. Offers ideas of how to make the product better; identifies and solves problems quickly/efficiently. 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
- Demonstrates working knowledge of process and procedures around systems; possess critical thinking skills; and has some ability to work independently to solve technical issues. Finds opportunities to share knowledge, lead a discussion or present on research or project test
- Exposure to very large data sets, Experience transforming datasets – shaping them into forms consumable for self-service software. Experience designing, implementing and supporting Data Models, ETLs that provide structured and timely access to large, complex datasets

- Collaborates with technology and platform management partners to optimize data sourcing and processing rules to ensure appropriate data quality for the prescribed usage. Builds and effectively leverages existing network; sustain relationships and demonstrate ability to build new relationships
- Uses advanced trouble-shooting skills, entry-level design and development and cross systems technical knowledge. Acts as a subject matter expert in one or more technical areas; demonstrates knowledge of technologies beyond core focus of initial study
- 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
- Demonstrates ability to lead a team, work on complex issues requiring thought-out processes and high-level subject knowledge. Serves as team lead on a regular basis on multiple projects within function. Provides functional, peer, team and program leadership.
- Has proficient knowledge of Bluewhale's business practices, products and services across multiple Bluewhale footprints. Is highly knowledgeable of all tools and systems in their domain, and is extremely detail oriented
- 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
- Has the ability to lead technical teams and projects; manages performance of team members in a supervisory role or acts as a coach/mentor to others. Acts as SME for job roles and functions; is knowledgeable of team members and their capabilities; develops team members. Demonstrates good presentation skills; communicates effectively with executive management and all levels of the organization

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 11+ 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)
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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.