



JOB DESCRIPTION
Data Warehouse Developer

DIVISION: Office of Performance & Information Technology (PIT)	GRADE: 135
DEPARTMENT: Data & Information Group	WORK DAYS: Annual
REPORTS TO: Director (Analytics & Accountability)	FLSA STATUS: Exempt
CLASSIFICATION: At-Will	DATE:

Our Mission: Through a caring culture of equity, trust, and collaboration, every student will graduate ready for college, career, and life.

Our Vision: A high-performing school district where students love to learn, educators inspire, families engage, and the community trusts the system.

Our Guiding Principles: **Equity** in our approach to decision making, **Ethics** to demonstrate our integrity, **Engagement** with our school community, and **Excellence** in everything we do.

POSITION SUMMARY

The Data Warehouse Developer is responsible for building and maintaining optimized and highly available data pipelines that facilitate deeper analysis and reporting by the Data and Analytics department. The incumbent builds data processing frameworks that handle the district's growing database. Designs, develops and implements statistical models to carry out various novel aspects of classification and information extraction from data. Leverages existing data infrastructure to fulfill all data-related requests, perform necessary data housekeeping, data cleansing, normalization, hashing, and implementation of required data model changes. Analyzes data to spot anomalies, trends and correlate similar data sets. Designs, develops and implements natural language processing software modules. Troubleshoots problems, identifies possible solutions, and resolves accordingly.

MINIMUM REQUIREMENTS

EDUCATION:

- Bachelor's degree required

CERTIFICATION/LICENSE:

N/A

WORK EXPERIENCE:

5 years in data analysis

KNOWLEDGE, SKILLS & ABILITIES

- Analytical Thinking
- Ability to organize work in a precise manner
- Solves problems using clear logic from problem definition to solution



- Ability to concentrate for long periods of time and is relentless in pursuit of meaningful solutions

ESSENTIAL DUTIES

- Serve as Tableau Server Administrator, providing highest level of technical support for Tableau
- Serve as AWS Administrator, providing highest level of technical support for AWS environment
- Develop and maintain ETL tools for data analysis
- Write and review complex sql scripts that extract data for analysis
- Conduct data analysis for forensic analysis to aid in accountability decisions
- Design, produce and maintain actionable data dashboards to inform key stake holders
- Require regular contact with outside agencies and vendors; may require contact with officials at higher levels (e.g., senior leaders at GADOE or GOSA)
- Investigate, review and evaluate new technology solutions for feasibility and compatibility with current technology solutions.
- Required to have prompt, regular attendance in-person or virtually and be available to work on-site, in-person during regular business hours, and as needed.
- Performs other duties as assigned by an appropriate administrator or their representative.

PHYSICAL ABILITIES AND WORKING CONDITIONS

The physical abilities, working conditions and other conditions of employment listed in this document are representative of, but are not intended to provide an exhaustive list of the requirements for positions in this classification. In the event of an emergency or situation requiring guidance from Federal, State, or local or school district authorities, the requirements of this position may change temporarily or for the school year to best serve the needs of our students.

Vision: Ability to read small print and view a computer screen for prolonged periods.

Hearing: Ability to tolerate exposure to noisy conditions.

Speech: Ability to be understood in face-to-face communications, to speak with a level of proficiency and volume to be understood over a telephone or computer.

Upper Body Mobility: Ability to use hands to grasp, and manipulate small objects; manipulate fingers, twist and bend at wrist and elbow; extend arms to reach outward and upward; use hands and arms to lift objects; turn, raise, and lower head.

Strength: Ability to lift, push, pull and/or carry objects which weigh as much as 5 or more pounds on a frequent basis. Incumbent may be required to physically restrain parties involved in a conflict.

Environmental Requirements: Ability to encounter constant work interruptions; work cooperatively with others; work independently; work indoors.

Mental Requirements: Ability to read, write, understand, interpret and apply information at a moderately complex level essential for successful job performance; math skills at a high school proficiency level; judgement and the ability to process information quickly; learn quickly and follow verbal procedures and standards; give verbal instruction; rank tasks in order of importance; copy, compare, compile and coordinate information and records. Understand how to manage stress.

Remote Work Requirements:

Additional Work Conditions & Physical Abilities: Ability to be flexible and adapt as needed between various in-person working environments.



The Atlanta Public School System does not discriminate on the basis of race, color, religion, sex, citizenship, ethnic or national origin, age, disability, medical status, military status, veteran status, marital status, sexual orientation, gender identity or expression, genetic information, ancestry, or any legally protected status in any of its employment practices, educational programs, services or activities. Reasonable accommodations may be made to enable individuals with disabilities to perform essential duties.

This job description is intended to accurately reflect the duties, responsibilities and requirements of the position. It is not intended to be and should not be construed as an all-inclusive list of all the responsibilities, skills, or working conditions associated with the position. Management and administration reserves the right to modify, add, or remove duties and assign other duties as necessary.