



## Job Description

**Job Title:** Data Engineer I

**FLSA Status:** Exempt

**Department:** Product Development

**Reports To:** Associate Director, Analytics Solutions

**Location:** Bentonville, AR

**Job Summary:** As a Data Engineer, you will be responsible for monitoring of our data pipeline processes, and maintenance/creation of various ETL/ELT loads. These processes are foundational to multiple web-based applications serving our consumer goods and retailer customers. Your work will directly impact our customers in a meaningful way.

## Essential Duties and Responsibilities

- Participate in the full development life cycle including design, implementation and testing, documentation, delivery, support, and maintenance
- Interface with other team members to extract, transform, and load data from a wide variety of data sources using SQL and Python
- Validate file delivery via multiple sources, such as email, FTP, and Azure blob storage
- Gauge database/query performance and diagnose issues through tools such as query plan
- Interface with software for monitoring our servers and databases
- Adopt best practices set forth by our software architect(s), and offer feedback based on your personal experience(s)
- Produce and maintain comprehensive documentation and metadata for your solutions
- Work as part of a team utilizing proactive communication and collaboration skills.
- Other duties as assigned.

## Qualifications:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

## Education/Experience:

- Required
  - 1-2 years' experience with Data Engineering, Software Development, Business Intelligence, Data Science, or related field
  - Basic knowledge of data mining, data modeling, data warehousing, and distributed storage and computing

- Ability to write intermediate SQL queries and work through issues via debugging
- Experience in Python or similar scripting language
- Experience in Microsoft Excel and/or Google Sheets
- Experience working with common data files types, such as txt, csv, xlsx, or json
- Experience working in a software development or data administration environment
- Analytical, creative thinker and problem-solver with demonstrated initiative.
- Optional (pluses)
  - Bachelor's degree in Computer Science, Engineering, Mathematics, or a related technical discipline
  - Certification via recognized data program such as Datacamp, Dataquest, or others
  - Familiarity with Exasol, Oracle, MySQL, and/or MS SQL
  - Familiarity with Azure
  - Familiarity with Data Visualization tools such as Power BI, Tableau, and Microstrategy – and how they ingest/model data
  - Prior experience in Retail, CPG, and/or Supply Chain Management industry

**Computer Skills:** Relational database platforms (i.e. MS SQL, MySQL, etc.), Technical communication, MS Excel, Python or similar scripting language preferred.

**Supervisory Responsibilities:** None

**The above job description is not intended to be an all-inclusive list of duties and standards of the position. Incumbents will follow any other instructions, and perform any other related duties, as assigned by their supervisor.**