

## Data Quality Engineer JOB POSTING

The Mission, Vision, and Values of Sacramento Steps Forward (SSF) is to end homelessness through leadership, convening partners, data-driven best practices, and improving system performance. Our vision is an equitable community where everyone has a safe place to call home. With focus on Equity, Transparency, Continuous Learning, Human-Centered, Community-Inspired Solutions.

Data quality is the key to making accurate, informed decisions. The Data Quality Engineer establishes procedures to measure and improve the quality of internal data systems. This includes finding and cleansing bad data in databases while working with application developers and business users to help prevent data quality problems. The Data Quality Engineer will develop the programming pipelines to support data quality initiatives while creating reports to highlight key performance indicators and trends.

SSF embraces technology to develop ongoing efficiencies. Currently the office is a hybrid operation. This position may be required to report to the office periodically.

Evidence of COVID-19 vaccination will be required as a condition of employment and is mandatory for all SSF staff- full-time, part-time, and independent contractors. Vaccination documentation must be provided to SSF no later than the first day of employment. Vaccination information is completely confidential between the staff member and HR. Reasonable accommodations will be considered as needed.

**Essential Duties and Responsibilities:** include the following. Other duties may be assigned.

- Identifying strategies for measuring and improving data quality
- Evaluating the quality of data received from data sources to ensure that they meet the needs of the organization and the community
- Creating or updating data models to ensure that data are stored in an organized manner
- Creating reports on data quality issues and recommending solutions to problems
- Reviewing data to identify patterns or trends that may indicate errors or inconsistencies
- Identifying causes of errors or discrepancies in data collection and recommending solutions
- Consulting with other departments to determine how new data standards will affect their operations
- Contributing to data culture by promoting data quality awareness
- Ensuring data pipelines adhere to quality standards
- Identifying and employing statistical methods relevant to data quality testing
- Reporting on data quality key performance indicators and identifying trends
- Maintains professional and technical knowledge through continued learning and networking
- Evaluating system performance and design, as well as its effect on data quality
- Collaborating with database developers to improve data collection and storage processes
- Running data queries to identify coding issues and data exceptions, as well as cleaning data
- Documenting processes and maintaining data records
- Adhering to best practices in data engineering and collection
- Creating BI dashboards to highlight data quality indicators and trends
- Developing and designing data quality solutions by studying information needs; conferring with users; studying flow, data usage, and work processes; understanding data product needs across a suite of product/business deliverables
- Communicating data quality concerns and updates to internal and external stakeholders in meetings
- Working with stakeholders and vendors to identify and implement data validation checks
- Execute and automate test cases and perform bug tracking

### **Other Responsibilities**

- Regular, predictable attendance is required.
- Ability to get along and work effectively with others.

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### **Ideal candidates will possess the following knowledge, skills and abilities:**

- Advanced working Python knowledge
- Advanced working SQL knowledge and experience working with relational databases, query authoring (SQL) as well as working familiarity with a variety of databases
- Experience using data visualization and business intelligence tools, like Tableau and Looker, for improving data transparency and accessibility
- Working knowledge of version control implementation approaches, like GitHub
- A successful history of manipulating, processing, and extracting value from large, disconnected datasets
- Strong project management and organizational skills
- Experience supporting cross-functional teams in a dynamic environment
- Ability to perform data validity, accuracy, and integrity tests across different components of internal data systems
- Excellent communication skills with the ability to articulate data quality issues

### **Education and/or Experience:**

Bachelor's degree (B.A.) from an accredited four-year college or university; and at least one to three years related experience and/ or training in Data Analytics, Information Systems, Computer Science, Statistics, or other related fields. Additional years of relevant experience can be substituted for bachelor's degree.

### **Compensation and Benefits:**

Compensation range is \$41.00 - \$48.00 / hourly; DOE.

Full-time/part-time non-exempt position with benefits; health, dental, and vision, 401k, accrued time off and paid holidays.

### **To Apply:**

If you qualify, please submit your application, cover letter, and resume to [jobs@sacstepsforward.org](mailto:jobs@sacstepsforward.org); once submitted we will be in contact with you. You will find the employment application [HERE](#). **Please note that your submittal will not be reviewed unless all required items are received, including the application, cover letter, and resume.**

The position will be open until filled. Please do not contact Sacramento Steps Forward Directly. No phone calls or personal visits will be accommodated without an appointment. Staffing and recruiting agency please do not respond.

We strive for inclusivity, equity, and diversity by attracting extraordinary people from diverse backgrounds and lived experiences. We seek to employ an all-star team of people who vary by their race and ethnicity, gender identity, sexual orientation, nationality, age, culture, religion, veteran status, physical and mental abilities. We promote equal opportunity in the recruitment, selection, training, compensation, promotion, and benefits of all employees.

Sacramento Steps Forward is committed to the principles of being an equal opportunity employer. Sacramento Steps Forward organizational policies, practices, programs, activities and decisions regarding employment are not based on a person's race, color, sex, age, sexual orientation, gender identity, religion, national origin, disability, veteran status, parental status, housing status, or other protected status, in accordance with applicable law.

Sacramento Steps Forward is committed to the full inclusion of all qualified individuals. In keeping with our commitment, Sacramento Steps Forward will take the steps to assure that people with disabilities are provided reasonable accommodations. Accordingly, if reasonable accommodation is required to fully participate in the job application or interview process, to perform the essential functions of the position, and/or to receive all other benefits and privileges of employment, please contact [jobs@sacstepsforward.org](mailto:jobs@sacstepsforward.org).