



Position Description: Senior SAS/Data Quality & Statistical Analyst

Job Summary:

Carter Group is seeking a Senior SAS/Data Quality & Statistical Analyst to lead high-assurance data validation while also providing applied statistical depth. The ideal candidate combines substantive SAS capability with advanced SQL, production data quality controls, personally identifiable information (PII)-safe diagnostics, and statistical analysis. Position is largely remote, although candidates in Washington, DC Metropolitan area preferred due to anticipated need for ad-hoc, in-person client meetings.

About The Carter Group:

The Carter Group is a dynamic small business that provides cutting edge cybersecurity and IT expertise to federal government and commercial clients. We work in close partnership with our clients to ensure cohesive, holistic, and resilient solutions to their most pressing challenges. The Carter Group provides exciting opportunities to all our employees designed to nurture the entrepreneurial spirit through challenging and complex assignments in a fast-paced, supportive work environment.

Duties/Responsibilities:

- Design, execute, and document repeatable data-validation procedures before data are used in operational or public-facing reporting.
- Validate schemas, variables, row counts, missingness, unexpected values, derived fields, refresh completeness, and materialized views.
- Use SAS, SAS Enterprise Guide, SAS SQL, SQL, and complementary scripting tools to profile, reconcile, and analyze data.
- Create automated data quality rules, exception reports, and evidence packages that identify owners, dispositions, and corrective actions.
- Perform PII-safe diagnostics and ensure validation outputs follow approved handling practices.
- Support statistical analysis, forecasting, scenario modeling, sensitivity analysis, and model validation as needed.
- Communicate data quality findings, assumptions, uncertainty, ranges, and limitations clearly to technical and executive stakeholders.

Required Skills/Abilities:

- Substantive hands-on SAS/SAS Enterprise Guide/SAS SQL experience.
- Advanced SQL and production data-profiling experience.
- Experience building or operating automated validation, reconciliation, exception-handling, and corrective-action workflows.
- Experience validating row counts, schemas, variables, missingness, value domains, and derived outputs.
- Knowledge of PII-safe data handling and diagnostic practices.
- Applied statistics experience using SAS, R, Python, or equivalent tools.
- Ability to show specific code, procedures, or validation frameworks personally developed or operated.



**Preferred Qualifications**

- Experience in forecasting, time-series analysis, regression, scenario modeling, or sensitivity analysis.
- Federal administrative, statistical, demographic, immigration, economic, or public-policy dataset experience.
- Experience with materialized views, warehouses, or large-scale reporting databases.
- Experience communicating uncertainty and model limitations to senior decision-makers.
- Tableau or Power BI experience that enables cross-coverage with dashboard/reporting functions.
- Master's degree.

Education and Experience:

- Bachelor's degree in Statistics, Mathematics, Data Science, Economics, Computer Science, or Information Systems
- 5+ years of relevant data analytics/data-quality/statistical programming experience.
- Strong problem-solving skills with the ability to work independently and as part of a team.
- Excellent communication skills to effectively convey technical information to non-technical stakeholders and facilitate buy-in.

How to Apply:

Please send your resume to our People Operations Team, Attn: Danielle Shostal at danielle.shostal@cartergroupconsultants.com

**Note: at this time, the Carter Group cannot sponsor a new applicant for employment authorization for this position.*

