

Data Scientist

Req ID: SB_DS_01 – SB_DS_03

Position Title: Data Scientist

Classification Requirement: TS/SCI with CI polygraph

Position Description:

Data Scientists will be intricately involved in running analytical experiments in a methodical manner, and will regularly evaluate alternate models via theoretical approaches. The analyst will provide the Intelligence Community statistical learning models for data analysis. Collaborate with product management and analysis departments to understand customer needs and devise possible solutions. Maintain currency with latest data information analysis technology trends to further develop insights for our customers. Communicate results and ideas to key decision makers. Implement new statistical or other mathematical methodologies as needed for specific models or analysis. Optimize joint development efforts through appropriate database use and project design. Extensive background in data mining and statistical analysis. Understand various data structures and common methods in data transformation. Excellent pattern recognition and predictive modeling skills. Experience with programming languages such as Java/Python are an asset.

Because we serve on a greater team that serves our country, the Data Scientist is required to possess an active Top Secret/Sensitive Compartmented Information (TS/SCI) security clearance and successfully complete a counterintelligence (CI) Polygraph.

Required Skills:

Journeyman

- At least 3 years of relevant data science experience.*
- Ability to identify and evaluate standardized methods, models and algorithms to address intelligence problems of limited scale as directed.
- Ability to provide informal documentation for methods and algorithms use in data science solutions.
- Demonstrated good oral and written communication skills.
- Ability to conceive and prepare thorough, well-articulated tactical or strategic data science products.
- Ability to identify, retrieve, manipulate, relate and/or exploit multiple structured data sets from various sources.
- Ability to identify problems to which data science can be applied and initiate appropriate solutions.
- Ability to identify and appropriately evaluate a wide range of existing methods, models and algorithms in familiar domains for a variety of mission driven problems while recognizing the capabilities and limitations of each method.

Senior (in addition to Journeyman requirements)

- At least 10 years of relevant data science experience.*
- Ability to identify, retrieve, manipulate, relate and/or exploit multiple structured and unstructured data sets from various sources, including building or generating new data sets as appropriate.
- Ability to interpret and evaluate the results of data science community's methods models and/or algorithms, understanding the meaning, limitations and scope of the results, and translate them into insightful output for data science and/or mission and identifying other applications for use.
- Ability to initiate the efficient implementation of methods, tools, and algorithms using a comprehensive range of technologies.
- Ability to lead work unit proactively addressing and responding to the most difficult data science-related challenges in a timely manner while effectively balancing competing priorities.
- Demonstrated strong writing and briefing skills to educate managers, senior internal officers and the IC.

Expert (in addition to Journeyman and Senior requirements)

- At least 20 years of relevant data science experience.*

* A bachelor's degree in a field related to the support services may count for up to four years of this experience. A master's degree in a field related to the support services may count for up to two additional years of this experience. A doctorate degree in a field related to the support services may count for up to three years of this experience.

SAGE black is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status or disability status.

Position Locations: Colorado Front Range Area, National Capitol Region, Worldwide

Security Clearance: TS/SCI w/Poly

Business Unit: Intelligence Community

Programs: Confidential

Position Class: Analyst

Position Category: Journeyman to Expert

Virtual: No

Relocation Available: Yes

Work Schedule: Regular and 9/80 available

Full-Time / Part-Time: Full-Time