



A Committee of the
Council of the Inspectors General
on Integrity and Efficiency

Seeking Senior Data Scientist

On March 27, 2020, President Trump signed into law the Coronavirus Aid, Relief, and Economy Security (CARES) Act, providing \$3.5 trillion in relief to America's workers, families, businesses, state and local governments, and others to address the COVID-19 outbreak and its impact on the economy and public health. The CARES Act also created the Pandemic Response Accountability Committee (PRAC) to conduct and coordinate independent oversight of the funds provided in the CARES Act and related legislation to address the federal government's pandemic response and recovery efforts.

The PRAC is seeking highly qualified individuals to serve as Senior Data Scientist to support the enterprise data strategy and build analytic rules and models to support analytic projects within the PRAC.

More information regarding this position is provided in the attached announcement.

For immediate consideration, please email, in a single PDF file, a cover letter summarizing your qualifications and a resume to prac_jobs@cigie.gov, with the subject line: Senior Data Scientist

**Senior Data Scientist
Pandemic Response Accountability Committee
February 4, 2021**

The Pandemic Response Accountability Committee (PRAC) is seeking highly qualified individual(s) who can serve full time as Senior Data Scientist. This announcement closes on February 19, 2021.

The Coronavirus Aid, Relief, and Economic Security (CARES) Act created the PRAC, composed of federal Offices of Inspector General to "promote transparency and conduct and support oversight of covered funds and the Coronavirus response to (1) prevent and detect fraud, waste, abuse, and mismanagement; and (2) mitigate major risks that cut across program and agency boundaries." The PRAC is currently overseeing about \$3.5 trillion in federal spending. Rather than a stand-alone organization, the PRAC is a Committee of the Council of the Inspectors General on Integrity and Efficiency (CIGIE), an independent entity established within the executive branch by the Inspector General Act of 1978, as amended, that includes the 75 statutorily created federal Inspectors General with a mission to address integrity, economy, and effectiveness issues that transcend individual government agencies.

The CARES Act created the PRAC and requires the PRAC to coordinate and support Inspectors General on matters related to oversight of covered funds and the Coronavirus response, review whether the reporting of contracts and grants using covered funds meets applicable standards and specifies the purpose of the contract or grant and measures of performance; and review the economy, efficiency, and effectiveness in the administration of, and the detection of fraud, waste, abuse, and mismanagement in, Coronavirus response programs and operations.

The PRAC encourages creative and practical problem-solving and insightful thought leadership, fosters collaborative professional relationships, and focuses on our core lines of business (Transparency, Oversight & Accountability, and Outreach & Engagement). To recruit and retain the best candidates, provide a positive work environment, and mitigate the risk of current and future pandemic-related workplace disruptions, the PRAC is organized and managed as a distributed workforce in a virtual workplace with a small physical footprint in Washington, DC.

The Senior Data Scientist is responsible for:

- Developing, testing, and implementing risk models and rules, reports and dashboards utilizing a variety of analytic tools and techniques to support our oversight partners.
- Identifying and recommending appropriate analytic techniques to promote data-driven decisions and transparency.
- Supporting ongoing data management activities including new data set acquisition, integration, dissemination, and lifecycle management.

The Senior Data Scientist reports directly to the Chief Data Officer.

Duties

The Senior Data Scientist will support the PRAC's enterprise data strategy, data governance framework and providing expert advice on data-related matters, including data acquisition, data quality and privacy concerns.

More specifically, the Senior Data Scientist:

- Provides recommendations for opportunities to increase the effectiveness and efficiency in managing data, including analyzing the value of data already available, acquiring new sources of data, and collaborating to share data.
- Defines effective processes for the PRAC to collect, use, manage, and publish data.
- Develops risk scoring models to identify potential instances of fraud, waste abuse and mismanagement and prioritize efforts to the areas of greatest risk.
- Analyzing complex datasets to identify actionable insights and communicate results to support data-driven decisions.
- Comprehensively document processes for collection, storage, maintenance, and dissemination. Collaborates with the PRAC Chief Information Security Officer and Counsel to ensure data efforts adhere to the Privacy Act; ensuring full analysis of privacy, confidentiality, and security issues.
- Encourages a culture that promotes data-driven decisions backed by tools, products, and services, including audits and investigations.

Qualification Requirements

The Senior Data Scientist must have:

- In-depth knowledge of data management and advanced analytic techniques.
- Experience coding rules and models using open-source programming techniques and tools.
- Experience utilizing the data sciences to detect and prevent fraud, waste, abuse and mismanagement.
- A record of exercising sound judgment and possess the ability to apply policy in often novel or precedent setting situations.
- A strong academic background quantitative and qualitative analysis, business administration, information technology, or the equivalent.

How to Apply

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