

# Data Analytics

Analysts in the Office of Data Analytics conduct statistical analyses of large and complex data sets to support various projects at the Department of Justice (DOJ) Office of the Inspector General (OIG). Our analysts work with data from agencies such as the FBI; DEA; Federal Bureau of Prisons; Bureau of Alcohol, Tobacco, Firearms, and Explosives; and the U.S. Marshals Service and develop models to automatically identify indicators of fraud and other high risk transactions. Analysts design, plan, and execute broad-based analytical projects related to complex systems analysis and conduct evaluations using tools such as SAS, R, SPSS, Tableau and Microsoft Excel. Because the Office of Data Analytics is agile, analysts are responsible for examining project objectives and exercising technical direction over their research, data collection, and analyses.

The Office of Data Analytics supports oversight of over 117,000 DOJ employees and \$28 billion in annual spending.

## QUALIFICATIONS

- Openings for Operations Research Analysts, Mathematical Statisticians, and Statisticians are available within the data analytics program.
- Applicants should have an advanced degree in mathematics, statistics, data analytics, or other advanced degree with a focus in quantitative methods. Applicants should also have experience wrangling and deriving insights from data.



## Employee Insight: Betsy Heines



“The Office of Data Analytics is pretty new, so every day presents an opportunity to grow and build. Our projects utilize data that span the Department of Justice and we use advanced statistical software to help us analyze and visualize them, such as SAS, Tableau, Esri and Informatica.

It’s cool because I get to help shape office culture and operations and the direction of our research and analytics. We have opportunities to work both independently and collaboratively, and we’ve got a great team supporting us both inside and outside of the Office of Data Analytics. My work is incredibly meaningful. I never thought I’d get to use my math degree to ensure accountability and justice for the American people. I’ve grown so much in my first year here, I can’t wait to see where the Office of Data Analytics goes in the future.”