



**Executive Division**  
**Research and Analytics Department – New York City**  
**Data Scientist**  
**Reference No. RAD\_NYC\_DAS\_6387**

**Application Deadline is June 6, 2025**

**The Data Scientist will support digital assets investigations and crypto enforcement matters.**

The Office of the New York State Attorney General (OAG) is seeking a Data Scientist to support digital assets investigations conducted by the [Investor Protection Bureau](#) (IPB) and the [Research and Analytics Department](#) (RAD). IPB, which has both regulatory and enforcement authority, protects the public from fraud and misrepresentations in the offer and sale of securities, commodities, and other investment products. The Data Scientist will help IPB attorneys identify and investigate fraud and other deceptive practices involving digital assets. The position is located in New York City and reports to the Director of Research and Analytics and Investor Protection Bureau management.

**Duties:**

- Evaluating and analyzing intakes and other intelligence, including complaints involving digital assets; searching blockchain data, social media, and other sources to identify patterns of misconduct and opportunities for enforcement; and presenting findings and recommendations to escalate/prioritize matters;
- Remaining current on emerging dynamics in the field and developing expertise with a variety of blockchain and crypto analysis tools and resources;
- Analyzing digital asset transactions and smart contracts using both open-source and third-party tools;
- Developing and implementing techniques and tools to utilize and analyze key data and information to support IPB's investigations and cases;
- Converting complex data into easily comprehensible reports, memos, fact sheets, talking points, PowerPoint presentations, and data visualizations;
- Interfacing with internal and external OAG partners, district attorneys' offices, state and federal securities regulators, and federal criminal enforcement;
- Working with outside vendors, such as expert witnesses in data science, engineering, and market structure, for specialized or complex investigations such as novel market manipulation attacks or crypto-specific risks that impact investors;
- Preparing and delivering trainings regarding digital assets, industry trends, and the use of various tools to conduct blockchain analyses;
- Attending meetings regarding case strategy, serving as a subject-matter expert in examinations and depositions, and testifying in hearings and at trial, as needed, regarding blockchain and cryptocurrency analysis and attribution; and
- Cultivating professional relationships and contacts at other state and federal agencies engaged in similar work.

**Qualifications:**

- The ideal candidate will have an advanced degree in a relevant field with at least two (2) years of demonstrated qualitative, quantitative, or investigative research abilities; however, RAD will also consider well-qualified applicants who do not possess advanced degrees but have at least four (4) years of relevant professional work experience along with demonstrated qualitative, quantitative, or investigative research abilities;
- A demonstrated familiarity with and understanding of the technical aspects of crypto asset transactions, markets, and processes, including blockchain technology and decentralized finance protocols;
- Deep understanding of market structure, including complex and novel crypto protocols;
- Demonstrated understanding of smart contract analysis including the functionalities and dependencies of smart contracts used to manage funds;

- Experience analyzing large data sets and proficiency in maintaining and querying databases;
- Data science capabilities to analyze large-scale datasets to find statistically significant patterns indicating fraud, insider trading, market manipulation, front running, or other novel fraudulent schemes, and the ability to present findings in an easy-to-understand format (data storytelling and data visualization);
- Experience with the following technologies:
  - Programming, scripting, and statistical languages (e.g., Python, R, use of dataframes)
  - Data visualization software (e.g., Tableau, d3, altair, plotly, matplotlib, bokeh)
  - Relational databases and advanced SQL queries (e.g., Oracle, Redshift)
  - Research databases (e.g., LexisNexis or similar)
- Excellent research, analytic, organization, presentation, and communication (verbal and written) skills, including the ability to communicate highly technical concepts accessibly;
- Entrepreneurial, proactive, and self-directed with effective time management skills;
- Experience tracing crypto or a willingness to get certification;
- Adept at learning new software applications and assimilating complex information; and
- Preferred ability to build automated tools to help find and monitor OSINT (open-source intelligence) data e.g. identify material public statements, relationships, or other data to identify fraudulent statements or conduct, or to de-anonymize online actors, etc.

**The salary range for this position is \$107,988 + \$4,000 in location pay.** As an employee of OAG, you will join a team of dedicated individuals who work to serve the people of our state through a wide variety of occupations. We offer a comprehensive New York state benefits package, including paid leave, health, dental, vision, and retirement benefits, and family-friendly policies. Additionally, OAG offers a robust Workplace Flexibilities Program with multiple options for employees, including telecommuting (up to two days per week) and alternative work

*Candidates from diverse backgrounds are encouraged to apply.  
The OAG is an equal opportunity employer and is committed to workplace diversity.*

## How to Apply

**Applications must be submitted online.** To apply, please click on the following link: [RAD\\_NYC\\_DAS\\_6387](#)

**To ensure consideration, applications must be received by close of business on June 6, 2025.**

Applicants must be prepared to submit a complete application consisting of the following:

- **Cover Letter**
  - You may address to Legal Recruitment.
  - Indicate why you are interested in this position and what makes you a strong candidate. You may wish to include information about what life experiences you will bring to the position that will enhance OAG's ability to better serve the diverse population of this state.
- **Resume**
- **Writing Sample**
  - In lieu of a writing sample, please provide a code sample (data ETL and/or analysis in python and/or SQL; this can be a link to a public github/gitlab repo).
  - If needed, please include a cover page to provide the reviewer with any relevant context or background information.
  - Upload this using the writing sample field.
- **Reference List**
  - Submit a list of three (3) references; supervisory references are preferred.
  - For each reference, indicate the nature and duration of your relationship.
  - Include contact information and email addresses for each reference.
  - Please note that your references will not be contacted until after you interview for the position.

**If you have questions regarding a position with OAG, the application process, or need assistance with submitting your application, please contact Legal Recruitment via email at [recruitment@ag.ny.gov](mailto:recruitment@ag.ny.gov) or phone at 212-416-8080.**

**For more information about OAG, please visit our website: [ag.ny.gov](http://ag.ny.gov)**