



General Position Information

Job Title: 25603 – Data Scientist - GS-13

Salary Range: \$64,650 - \$119,794

Vacancy Open Period: 12/15/2016 – 1/6/2017

Position Type: Cadre, Detailee

Who May Apply: Internal ODNI Candidates, Detailees

Division: NCTC/ODSI

Duty Location: McLean, VA

Security Clearance: TS/SCI with CI Polygraph

Travel Required: 0-25% Travel

Relocation Expenses:

Job Interview Travel: Candidates from outside the Washington, D.C., area may be selected for a telephone, teleconference, or in-person interview. If selected for an in-person interview, any travel or lodging will be at the applicant's personal expense.

Position Information

This is an opportunity for:

- An internal candidate to fill a GS-13 cadre position.
- A Federal Government employee to serve on a two-year reimbursable detail assignment in the ODNI. The detail assignment may be extended an additional year if all parties agree.

Who May Apply

Current GS employees at the same grade or up to two grades lower than the advertised position grade may apply.

Former members of the Peace Corps may be considered for ODNI employment only if five full years have elapsed since separation from the Peace Corps.

- For a cadre assignment:
 - Current ODNI cadre.
 - Current ODNI Staff Reserve Employees. (A staff reserve employee who currently occupies this position may not apply.)



- For a detailee assignment:
 - Current Federal Government employees.

Salary Determination

- The ODNI uses a rank-in-person system in which rank is attached to the individual. A selected ODNI candidate or other Federal Government candidate will be assigned to the position at the employee's current GS grade and salary.
- A current Federal Government employee, selected for a detail, will be assigned to the position at his or her current grade and salary.

Component Mission

The National Counterterrorism Center (NCTC) leads our nation's effort to combat terrorism at home and abroad by analyzing the threat, sharing that information with our partners, and integrating all instruments of national power to ensure unity of effort. The Center serves as the primary organization in the United States Government (USG) for analyzing and integrating all intelligence possessed or acquired by the USG pertaining to terrorism and counterterrorism, and its Director serves as the Counterterrorism Mission Manager. NCTC also serves as the central and shared knowledge bank on known and suspected terrorists and international terrorist groups, as well as their goals, strategies, capabilities, and networks of contacts and support. In addition, NCTC conducts strategic operational planning for counterterrorism activities, coordinating and integrating the efforts of departments and agencies across the Federal Government.

Office Mission:

NCTC created the Office of Data Strategy and Innovation (ODSI) – referred to as “Odyssey” – to innovate new analytic methods to advance NCTC’s mission. We sit at the sweet spot between mission, technology, and large-scale data. We are data scientists, compliance experts, policy wonks, and data acquirers. We develop tools to help analysts better perform their jobs and work feverishly to help them apply large-scale data to fast breaking crises. At the same time, we’re working to get the data here through agreements with our mission partners, while also anticipating new data sources to meet the Center’s needs. None of this works, however, without safeguards to protect both the data and our citizens’ privacy and civil liberties. Once we have the data, ODSI works to ensure that the Center meets its obligations to protect these holdings. We cannot do this alone and deeply value our mission partners in DI, DTI, MS, CLPO, Legal, and throughout the Intelligence Community.

Major Duties and Responsibilities (MDRs)

- Devise data science programs by identifying strategic methodological issues and areas of focus to support decision making by the most senior policymakers.
- Prioritize research and other projects; establish project goals.
- Engage with customers to understand and participate changing needs and requirements; determine substantive questions.
- Offer recommendations for resolution based on quantitative analysis.



- Collaborate with IC collectors and analysts to acquire process and refine gaps on complex intelligence problems; devise creative all source data collection strategies to fill intelligence gaps; task specific collections resource.
- Independently develops the identification of new sources of intelligence and advance quantitative query.
- Devise quantitative analysis, ensuring all products incorporate multiple lines of inquiry and are fully coordinated with all stakeholders.
- Determine approaches and strategies to market statistical and methodological services to new or potential partners or customers.
- Compilation, independently, and review often disparate and inconsistent data to address the most complex intelligence issues or problems for the most senior internal/external customers.
- Devise accurate, timely, and sophisticated data analysis in support of the most complex key ODNI, United States national security and foreign policy objectives and to shape Intelligence Community analysis priorities.
- Conceive complex statistical, mathematical, geospatial modeling, and data mining analysis independently or in partnership with other Data Scientist or Analyst colleagues.
- Conceive, prepare and communication an extensive range of strategic, high complex graphics, computational models/tools, or written/oral assessments on significant or contentious issues for the most senior internal and external customers (e.g. policymakers, IC components, Agency executives).

Mandatory and Educational Requirements

- Thorough knowledge of individual, organizational, and technical or transnational issues of national security concern.
- Thorough knowledge of business operations and associated processes. •Thorough knowledge of appropriate analytic methods and methodological tools in one or more of the following areas.
- Applied Mathematics (e.g. probability and statistics, formal modeling, computational social sciences); Computer Programming (e.g. programming languages, math/statistics packages, computer science, machine learning, scientific computing); and Visualization (e.g. GIS/geospatial analysis, telemetry analysis).
- Thorough knowledge of research designs.
- Demonstrated ability to develop comprehensive computer software applications, as needed.
- Ability to leverage multiple data management tools to organize relevant information and make decisions.
- Ability to apply intellectual curiosity; creativity and innovation to go beyond current tools to deliver the best solution to complex problems.
- Ability to effectively communicate complex, multi-disciplinary ideas and insights. •Ability to identify and/or develop business opportunities.
- Ability to translate complex, technical findings into an easily understood narrative (i.e. tell story with data).



- Analytical and critical thinking skills, including superior ability to think strategically.
- Ability to multitask and change focus quickly as demands change.
- Ability to evaluate data drawing pertinent inferences from data trend analysis, and interpretation of such inferences in keeping with the requirements of officials responsible for planning or for making policy decisions.

Desired Requirements

- 6 years of related experience is preferred.
- Bachelor's degree in quantitative or technical field of study (e.g. statistics, mathematics, computer science, physical science, economics, Geographic Information Systems) Certifications/Licenses.
- Depending upon assignment, may require Contracting Officer Technical Representative certification.

Key Requirements and How To Apply

Internal ODNI Candidates:

A complete application package must include:

- a. **RESUME:** Applicants are encouraged to carefully review the vacancy announcement, particularly the MDRs, and construct their resume to highlight their most significant experience and qualifications relevant to this job opportunity.
- b. **PERFORMANCE EVALUATIONS:** Applicants are required to provide their two most recent performance evaluations. A justification is required if the applicant is unable to provide the two most recent evaluations.
- c. **VACANCY NUMBER:** Reference the vacancy number in the subject line of the email and on each document submitted.

WHERE TO SUBMIT: Applications should be sent to either DNI-MSD-HR-RR-Team_C_WMA@dni.ic.gov (classified email system) or Recruitment_TeamC@dni.gov (unclassified email system). Applicants submitting via JWICS are requested to submit their materials to both saksdav@dni.ic.gov (*David S.*) and edgertk@dni.ic.gov (*Ken E.*) in lieu of the group address above. All attachments should be in Microsoft Word or Adobe PDF format.

Applications submitted through the classified email system should NOT contain classified information above the TS//SI//TK//NOFORN level.

Current Federal Employees Applying for a Detail Assignment:

Applicants from federal agencies within the Intelligence Community (IC) may be considered for this position as a reimbursable detailee, if endorsed by the employing agency. Applicants must have current TS/SCI clearances with polygraph or have the ability to obtain one. The ODNI does not conduct polygraphs or provide security clearances for detailees. **Applicants from within the IC must submit an application through the classified [IC Joint Duty Program website](#).**



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Applicants from federal agencies outside the IC must provide:

- a. **WRITTEN ENDORSEMENT** from the employing agency concurring with the detail.
- b. **RESUME:** Applicants are encouraged to carefully review the vacancy announcement, particularly the MDRs, and construct their resume to highlight their most significant experience and qualifications relevant to this job opportunity.
- c. **PERFORMANCE EVALUATIONS:** Applicants are required to provide their two most recent performance evaluations. A justification is required if the applicant is unable to provide the two most recent evaluations.
- d. **VACANCY NUMBER:** Reference the vacancy number in the subject line of the email and on each document submitted.
- e. **CURRENT SF-50:** Federal Government employees must provide an SF-50, "Notification of Personnel Action" to verify current federal status, position, title, grade, and organization of record.

WHERE TO SUBMIT: Applications should be sent to either DNI-MSD-HR-RR-Team_C_WMA@dni.ic.gov (classified email system) or Recruitment_TeamC@dni.gov (unclassified email system). Applicants submitting via JWICS are requested to submit their materials to both saksdav@dni.ic.gov (*David S.*) and edgertk@dni.ic.gov (*Ken E.*) in lieu of the group address above. All attachments should be in Microsoft Word or Adobe PDF format.

Applications submitted through the classified email system should NOT contain classified information above the TS//SI//TK//NOFORN level.

All Applicants:

APPLICATION PACKAGES MUST CONTAIN ALL ITEMS LISTED ABOVE. AN INCOMPLETE APPLICATION PACKAGE WILL BE INELIGIBLE FOR CONSIDERATION.

Your application **MUST** be received by midnight on the closing date of this announcement. Applications received after the closing date will **NOT** be eligible for consideration.

To verify receipt of your application package **ONLY**, you may call 703-275-3955.

What To Expect Next

The most highly qualified candidates will be referred to the hiring manager for further consideration and possible interview. We expect to make a selection within 30 days of the closing date of this announcement. Due to the large number of applications received, applicants will be contacted **ONLY** if they have been selected for an interview.

Agency Contact Information

ODNI Recruitment; Phone: 703-275-3955; Email: Recruitment_TeamC@dni.gov

Other Information

The ODNI is an equal opportunity employer and abides by applicable employment laws and regulations.



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REASONABLE ACCOMMODATIONS FOR PERSONS WITH DISABILITIES: The ODNI provides reasonable accommodations to otherwise qualified applicants with disabilities. **IF YOU NEED A REASONABLE ACCOMMODATION** for any part of the application and hiring process, please notify the Intelligence Community Equal Employment Opportunity and Diversity Office Representative by classified email at DNI-EEOD-RA-ACF@exchange.cia.ic.gov, by unclassified email at DNI-EEOD@dni.gov, by telephone at 703-874-8360, by TTY at 703-874-8554, or by FAX at 703-874-8651. Your request for reasonable accommodation will be addressed on a case-by-case basis. **PLEASE DO NOT SUBMIT YOUR APPLICATION TO THE EEOD EMAIL ADDRESS. THIS EMAIL IS FOR REASONABLE ACCOMMODATION REQUESTS ONLY. PLEASE SUBMIT YOUR APPLICATION VIA THE EMAIL ADDRESS PROVIDED IN THE 'HOW TO APPLY' SECTION ABOVE.**