


Vacancy announcement		
UN JPO Programme		
JPO in Data Science		
United Nations Department of Management Strategy, Policy and Compliance (DMSPC), Business Transformation and Accountability Division (BTAD), Analytics and Project Management Service, Analytics Section		Closing date 1 August 2025 11:59pm KST
Vacancy Announcement # 24P200		
I General information		
Title:	JPO in Data Science	
Sector of Assignment:	Information Management, Data Analytics	
Country:	USA	
Location (City):	New York	
Agency:	United Nations Department of Management Strategy, Policy and Compliance (DMSPC), Business Transformation and Accountability Division (BTAD), Analytics and Project Management Service, Analytics Section	
Duration of Assignment:	The assignment is intended for a minimum duration of 2 years. The initial appointment is for 1 year, renewable based on performance and availability of funds. A reassignment to a different position prior to the conclusion of the second year will not be possible unless expressly indicated in the TORs.	
Grade:	P2 step 1 in the first year, P2 step 2 in the second year	
Note: This position is open in the context of the Junior Professional Officer (JPO) scheme sponsored by the Government of the Republic of Korea and is addressed exclusively to candidates with the Korean citizenship. For general information on the Korean JPO Program and additional conditions see the following website: https://unrecruit.mofa.go.kr		
II Duties, Responsibilities and Output Expectations		
Within delegated authority, the Junior Professional Officer will be responsible for the following duties:		
<ul style="list-style-type: none">• Supports major transformation, innovation, and analytics activities within the Service and assists in the projects in exploration, identification, and acquisition of data and information sources to determine their suitability for use.• Enables applying quality methods to structure, format, standardize, and visualize data and information for analytical use for decision-making and advancing the goals of the organization, whether on the global Secretariat scale or for a specific area.• Establishes a close working relationship with key clients to leverage the use of data science methods to support their programmatic areas with solutions that assist them in accomplishing their mandates.• Contributes to the design and develops data science products to reveal insights and provides an understanding or knowledge of the data that would otherwise not be detected without the application of advanced analytical methods such as artificial intelligence, machine learning, predictive analytics, data and text mining, natural language processing, statistics, and use of relevant algorithms and computational approaches.• Assists in promoting the use of data science solutions through client training and the development of products, tools and processes to extend the capabilities of client offices.		

- Contributes to the design and develops customized visualization and presentation products to reveal the findings of analysis for clients, suitable for all forms of production including briefings, reports, interactive interfaces, and publication quality outputs.
- Guides, trains and supervises general service staff in the function, as needed.
- Perform other duties as required.

Work implies frequent interaction with the following:

- Colleagues in the Analytics Section and across the Service.
- Clients within the UN Secretariat or the UN system.

Results Expected:

Supports the development and delivery of business transformation initiatives aligned with the UN2.0 vision. Develops and delivers data science solutions to better enable the planning, decision-making, and implementation of organization programmes. Through close relationships with clients in a consultative way, designs products that provide insights, and predictive assessment to guide programme management and execution. Contributes to identifying significant issues and opportunities to implement innovative approaches and evidence-based reasoning to complex organizational issues.

III Training component: Learning elements and expectations

On completion of the assignment, the JPO will have/be able to create data products independently, work on data related research related to international affairs and development, collaboratively work on large projects in a team, introduce new technologies and methods to an organization.

IV Supervision

Title of Supervisor:

Senior Data Scientist

Content and methodology of supervision:

Establishment of a Work Plan

During the first month of the assignment, the Junior Professional Officer (JPO) will work jointly with his/her direct supervisor to finalize an agreed upon work plan. The final work plan will be discussed and mutually agreed to by the JPO and his/her supervisor.

Evaluation

The United Nations Performance Evaluation System (e-performance) will serve as a primary platform to evaluate of the JPO's performance.

Supervision Methodology

Weekly team meetings to discuss progress and challenges, and collaborative problem-solving, monthly performance reviews to track milestones, and regular feedback sessions to ensure continuous development and alignment with organizational goals.

V Required Qualifications and Experience

Education:

Advanced university degree (master's degree or equivalent) in Data Science, Mathematics, Statistics, Engineering or any related field that includes intensified data analysis in the curriculum. A first-level university degree in combination with two additional years of qualifying experience in data analytics or data science may be accepted in lieu of the advanced university degree.

Work experience (incl. internships and volunteering):

A minimum of 2 years of relevant work experience in data science, data analytics, applied mathematics, information management or related area is required. Experience using data science tools such as Jupyter, Matlab,

KNIME, SPSS, SAS or programming languages such as R, Python, Javascript or related is desirable. Experience in consultancy-related work, design thinking and/or human-centered design is desirable.

Languages:

English and French are the working languages of the UN Secretariat. For this position, fluency in English is required. Knowledge of another UN official language is an advantage.

Other skills:

- Basic proficiency in SQL and database management systems.
- Knowledge of version control systems like Git.
- Familiarity with data visualization tools such as Tableau or Power BI. Good problem-solving skills and a basic understanding of algorithms.

UN competencies:

PROFESSIONALISM: Knowledge of the data analysis life cycle from ingest and wrangling to analysis and visualization to present findings; Knowledge of statistical and computational methods, such as clustering, classification, correlation, dimension reduction, forecasting, machine learning, detecting outliers, and regression; Takes pride in the work for the organization and understands the impact that can be brought into the organization by allowing data-driven and evidence-based decisions; Shows pride in work and in achievements; Demonstrates professional competence and mastery of subject matter; Is conscientious and efficient in meeting commitments, observing deadlines and achieving results; Is motivated by professional rather than personal concerns; Shows persistence when faced with difficult problems or challenges; Remains calm in stressful situations.

TEAMWORK: Works collaboratively with colleagues to achieve organizational goals; Solicits input by genuinely valuing others' ideas and expertise; is willing to learn from others; Places team agenda before personal agenda; Supports and acts in accordance with final group decision, even when such decisions may not entirely reflect own position; Shares credit for team accomplishments and accepts joint responsibility for team shortcomings

CLIENT ORIENTATION: Considers all those to whom services are provided to be "clients" and seeks to see things from clients' point of view; Establishes and maintains productive partnerships with clients by gaining their trust and respect; Identifies clients' needs and matches them to appropriate solutions; Monitors ongoing developments inside and outside the clients' environment to keep informed and anticipate problems; Keeps clients informed of progress or setbacks in projects; Meets timeline for delivery of products or services to client

CREATIVITY: Actively seeks to improve programmes or services; Offers new and different options to solve problems or meet client needs; Promotes and persuades others to consider new ideas; Takes calculated risks on new and unusual ideas; thinks "outside the box"; Takes an interest in new ideas and new ways of doing things; Is not bound by current thinking or traditional approaches

Workforce Diversity

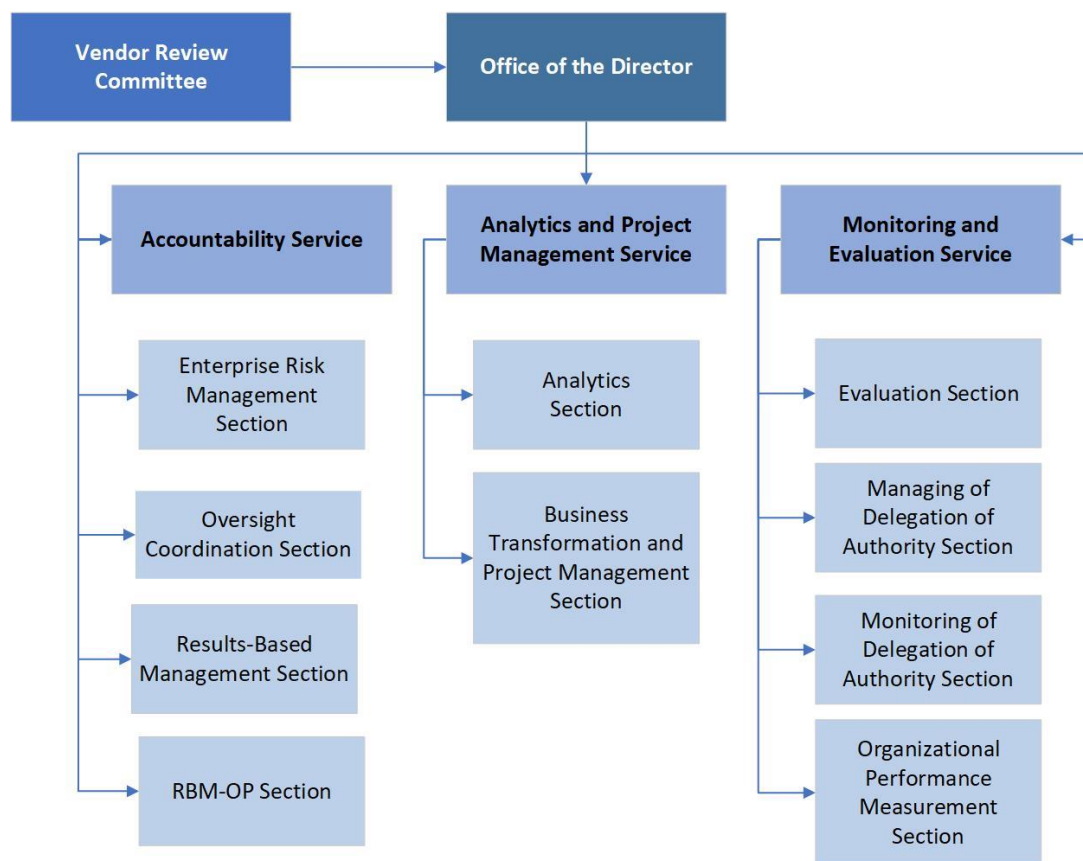
The United Nations believes that an inclusive culture attracts the best talent and encourages all qualified applicants, regardless of gender, disability, sexual orientation, cultural or religious backgrounds, to apply.

VI Background information on Agency/Department/Section

The Business Transformation and Accountability Division (BTAD) was introduced in January 2019 as part of the Secretary-General's Management Reform. The purpose of this division is to house, in one entity, for the first time, specialized capacity for all the functions dedicated to monitoring and strengthening performance and accountability. Central to BTAD is the delegation of authority framework which was introduced with the management reform, and other areas are working on topics such as Enterprise Risk Management, Results-based Management, Evaluation and other areas thematically grouped around Accountability. The Analytics and Project Management Service is an important organizational unit within BTAD, focusing on business transformation, innovation, data analytics, and organizational change. The priorities of the Analytics Section are developing innovative data products and increasing data analytics capacity and capabilities in the Organization. Our data products aim to be innovative initiatives to find creative ways to use data to enable informed decision-making and identify innovative ways to better measure impacts and results.

Business Transformation and Accountability Division

DMSPC



VII General requirements for the JPO Programme of the Republic of Korea

- Korean citizenship
- Fluency in Korean and English language
- Completed advanced university degree (master's degree or equivalent). A bachelor's degree and an additional two years of work experience may be accepted in lieu of the advanced university degree.
- Not older than 32 years of age as of 31st December of 2025 (Born on or after Jan. 1, 1993) (The maximum age limit for those who served in the military will be extended accordingly*)
- Male applicants shall have completed the Korean military service or be exempted from it. Those who will be discharged from military service in the year of the application may also apply.

*

- one year will be extended for those who served for less than one year
- two years will be extended for those who served for more than one year and less than two years
- three years will be extended for those who served for two years or more

VIII How to apply

Applicants should submit their application electronically directly to the Organization.

All documents should be in English.

Candidates for this position apply **online** via the Online Application System (OAS)* portal link provided on <https://owa.undesa.it/oasrok/>

*Please also make sure to review the guidelines on [how to apply](#) in the Online Application System (OAS).

Applications must be received no later than **1 August 2025 (11:59pm KST)**.

Applications received after this date will not be considered. Applicants will receive a confirmation of receipt.

Only short-listed candidates will be contacted thereafter.

IX Required application documents (only complete applications will be considered)

- The completed United Nations Personal History Profile with motivation letter in English (to be completed in the OAS interface)
- A scanned copy of applicant's Resident Register in English
- A copy of the university degree (Bachelor's/ Master's degree) certificate in English
- A copy of English language proficiency test certificate. Please note that test scores are valid for 2 years after the test date. Applicants should score a minimum of
 - (1) TOEFL iBT 100 or
 - (2) TEPS 430 or
 - (3) IELTS 7 or
 - (4) TOEIC 900
 - TOEFL 'Home Edition' score is accepted while 'MyBest Scores' are not accepted
 - IELTS General Training and Academic test are both accepted
- Only for male applicants who have completed the national military service: A certificate of Korean Military Service in English. The maximum age limit for those who served in the military will be extended in accordance with the Support for Discharged Soldiers Act and the military service law.
- Only for low-income applicants: A scanned copy of applicant's certificate of National Basic Livelihood Security Recipients issued in Korean and its unofficial English translation.
- Only for applicants with disability: A scanned copy of applicant's certificate of person with disability issued in Korean and English.

[Please note that applicants can apply for **a maximum of two JPO positions** sponsored by the Ministry of Foreign Affairs of the Republic of Korea during the year of application.]