



**UNITED NATIONS SUPPORT OFFICE IN SOMALIA  
(UNSOS)**

**UNITED NATIONS CORE VALUES: INTEGRITY, PROFESSIONALISM, RESPECT FOR DIVERSITY  
THIS POSITION IS OPEN TO KENYAN NATIONALS ONLY AND DOES NOT HAVE INTERNATIONAL  
ALLOWANCES OR BENEFITS. FEMALE CANDIDATES ARE PARTICULARLY ENCOURAGED TO APPLY**

**DEADLINE FOR APPLICATIONS : 16 OCTOBER 2021**  
**DATE OF ISSUANCE : 17 SEPTEMBER 2021**  
**FUNCTIONAL TITLE : DATA ENGINEER**  
**LEVEL : NO-C**  
**SECTION : PERFORMANCE MANAGEMENT SECTION**  
**LOCATION : NAIROBI**  
**DURATION OF CONTRACT : ONE YEAR FIXED-TERM APPOINTMENT**  
**VACANCY ANNOUNCEMENT NUMBER : UNSOS/SCM/DATA/023/2021**

**Special Notice:**

This position is funded for an initial period of one year, extension of appointment will be subject to budgetary approval. A staff member subject to local recruitment shall not be eligible for the allowances or benefits exclusively applicable to international recruitment. The candidate is responsible for any travel expenses incurred in order to take-up the appointment. All applicants are strongly encouraged to apply on-line as soon as possible after the job opening has been posted and well before the deadline stated in the job opening.

Interested applicants who are working with UN Contractors must fulfil the obligations of their contracts with the UN Contractors in order to be eligible to apply for this vacancy.

The United Nations Secretariat is committed to achieving 50/50 gender balance in its staff. Female candidates are strongly encouraged to apply for this position.

**Organizational setting and reporting relationships:**

The position is located in the United Nations Support Office in Somalia (UNSOS) within the Performance Management Section. The incumbent will be based in Nairobi and reports to the Chief, Performance Management Section.

**Key Duties and Responsibilities:**

Within delegated authority, the Data Engineer will be responsible for the following duties:

- Manage individual projects regarding the optimal extraction, transformation, and loading of data from a wide variety of sources into data pipelines, as well as the creation and maintenance of data catalogues.
- Design and develop solutions for data-related technical problems and data infrastructure needs surfaced by Executive, Analytics and Design teams, create data models that can be used by different stakeholders at different levels.
- Manage the identification, design, and implementation of internal process improvements: automating manual processes, optimizing data delivery, re-designing architecture for greater scalability.

- Deploy resources to extract data features from complex datasets for data scientists and data analysts.
- Manage the implementation of changes to data systems to ensure compliance with data governance, protection, privacy, and security requirements.

**Competencies:**

**PROFESSIONALISM:** 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. Takes responsibility for incorporating gender perspectives and ensuring the equal participation of women and men in all areas of work.

**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.

**COMMITMENT TO CONTINUOUS LEARNING:** Keeps abreast of new developments in own occupation/profession; actively seeks to develop oneself professionally and personally; contributes to the learning of colleagues and subordinates; shows willingness to learn from others; seeks feedback to learn and improve.

**Qualification and Experience**

**Education:** Advanced university degree (Master’s degree or equivalent) in computer science, statistics, applied mathematics, data management, information systems, information science or a related quantitative field. A first-level university degree in combination with two additional years of qualifying experience may be accepted in lieu of the advanced university degree.

**Experience:** A minimum of five years of progressively responsible experience in data management, integration, modeling, optimization and other relevant areas.

Experience supporting cross-functional teams and collaborating with stakeholders in support of analytics initiatives is required.

Experience with database query languages (SQL, etc.) is required.

Experience in designing data integration and pipeline architectures, which must include ingesting data through different methods such as message queues, database connections, flat files, REST, or specific APIs, is required.

Experience working with self-service analytics applications like Microsoft PowerBI, Tableau, Qlik and others for data discovery is required.

Experience in programming languages such as Python or R is desirable.

Experience in DevOps tool chains consisting of tools like Git, Jenkins or Bamboo or equivalent tools, and experience with the deployment of data pipelines is desirable.

Experience in delivering big data use cases, including projects using technology such as Apache Spark, Hadoop or others, is desirable.

Experience in Artificial Intelligence, particularly Machine Learning techniques for data mining and extraction of large amounts of data, is desirable. In this context, familiarity with concepts of bias and fairness (i.e., how to identify, assess, and minimize harmful biases, discrimination, and unfair outcomes in algorithmic systems and data) is particularly desirable.

Experience with cloud services such as Microsoft Azure or Amazon AWS is desirable.

**Language:** English and French are the working languages of the United Nations Secretariat. For this position, fluency in English (both oral and written) is required.

**Assessment Method:** Evaluation of qualified candidates for this position may include a substantive assessment which will be followed by a competency-based interview.

**How to Apply:**

Qualified candidates may submit their applications including their United Nations Personal History Profile (PHP) to the address mentioned below quoting vacancy announcement number and functional title on the subject line on or before the deadline. The P.11 is on the <https://unsos.unmissions.org/jobs>. Applications submitted after the deadline **16 October 2021** will not be accepted.

**Curriculum Vitae (CVs) will not be accepted. Only shortlisted candidates will be contacted.**

Email: [recruitment-unsoa@un.org](mailto:recruitment-unsoa@un.org)

Kindly attach a copy of relevant academic certificates, Passport and or National Identification Card. These are required as part of your application for consideration of eligibility.

The United Nations shall place no restrictions on the eligibility of men and women to participate in any capacity and under conditions of equality in its principal and subsidiary organs.

**THE UNITED NATIONS DOES NOT CHARGE A FEE AT ANY STAGE OF THE RECRUITMENT PROCESS (APPLICATION, INTERVIEW MEETING, PROCESSING, OR TRAINING).**