ACS/Data Innovation and Analytics

Job Opening
Job Opening ID: 287673
Job Network : -
Job Family : Statistics
Category and Level : Affiliate Personnel – Consultants/Individual Contractors, CON
Recruitment Type : Consultant
Duty Station : ADDIS ABABA
Department/Office : Economic Commission for Africa
Date Posted : Nov 17, 2026
Deadline : Nov 23, 2026

Share Job

Result of Service

Provide strategic, technical, and capacity-building support to National Statistical Offices (NSOs) and regional partners in the areas of data integration, visualization, data science, big data, and analytical product development. Design and deliver e-learning modules, regional training workshops, and hands-on technical assistance to strengthen institutional capacity and support the effective use of the UN Data Commons platform and other innovative data systems. Support the implementation of strategic initiatives, collaborative projects, and knowledge products that enhance the quality, timeliness, relevance, and modernization of official statistics.

Work Location

Addis Ababa or remote, depending on specific contractual arrangements

Expected duration

6 months

Duties and Responsibilities

Background The project, titled “Advancing Data Integration, Innovation and Capacity in Africa,” is implemented by the United Nations Economic Commission for Africa (ECA), in partnership with the United Nations Statistics Division (UNSD). The project aims to strengthen the African statistical ecosystem, which remains fragmented and under-resourced, thereby constraining the timely production and dissemination of accessible, policy-relevant and high-quality data for decision-makers and the public. The primary outcome of the project is the transformation of African national and regional data assets into actionable intelligence that supports national development. By the project's end, partners will have access to two advanced Analytic Hubs, an AI prototype for policy briefs, an expanded library of integrated datasets, a portfolio of policy analyses, and a cohort of trained NSO users capable of extending the platform. The consultant will work under the direct

supervision of the Project Manager and the overall guidance of the Director of the African Centre for Statistics (ACS). The Data Innovation and Analytics expert will be responsible for delivering capability building in the priorities of National Statistical Offices (NSOs) in data . The role includes overseeing team performance and ensuring timely delivery of planned initiatives. - Design and deliver comprehensive capacity-building programmes for National Statistical Offices (NSOs) and regional partners on data integration, data visualization, data science, big data, and analytical product development through the Regional Hub. - Develop structured e-learning modules, training materials, case studies, practical exercises, and demonstrations to support sustained, self-paced, and in-person learning. - Prepare and deliver regional and virtual training workshops for NSOs and regional institutions, including hands-on sessions on the use of the UN Data Commons platform. - Provide technical guidance, mentorship, and technical assistance to NSOs on integrating traditional and non-traditional data sources, including big data, into official statistical production processes. - Support NSOs in applying data science and innovative methods to improve the quality, timeliness, relevance, and modernization of official statistics. - Coordinate with relevant stakeholders to ensure the quality, relevance, and effective implementation of training, technical assistance, and related activities. - Lead the review and refinement of strategic plans and support the implementation of strategic initiatives, ensuring alignment with NSO priorities, regional development frameworks, and relevant agendas. - Contribute to collaborative projects, pilot studies, and proof-of-concept initiatives involving NSOs, academia, regional bodies, and international organizations. - Document training outputs, lessons learned, best practices, and technical knowledge products to support institutional learning, replication, and broader knowledge sharing.

Qualifications/special skills

An Advanced University Degree (Master's Degree or above) in statistics, engineering, information systems, or a related field is required. A first-level university degree, in combination with five years of relevant work experience, may be accepted in lieu of the advanced degree. Experience in designing and delivering capacity-building programmes and project management related to data science and statistics Strong knowledge of big data and data science techniques and technologies Proficiency in programming languages such as Python and SQL is essential for cleaning, pipeline automation, and database management is desirable Familiarity with official statistics and the role of NSOs.

Languages

English and French are the working languages of the United Nations Secretariat. For this consultancy, fluency in oral and written English or French is required. Knowledge of other languages is advantageous.

Additional Information

Not available.

No Fee

THE UNITED NATIONS DOES NOT CHARGE A FEE AT ANY STAGE OF THE RECRUITMENT PROCESS (APPLICATION, INTERVIEW MEETING, PROCESSING, OR TRAINING). THE UNITED NATIONS DOES NOT CONCERN ITSELF WITH INFORMATION ON APPLICANTS' BANK ACCOUNTS.