

NATIONAL DEPARTMENT OF HEALTH

It is the Department's intension to promote equity (race, gender and disability) through the filing of this post with a candidate whose transfer /promotion / appointment will promote representivity in line with the numeric targets as contained in our Employment Equity plan.

APPLICATIONS:

The Director-General, National Department of Health, Private Bag X399, Pretoria, 0001. Hand delivered application may be submitted at Reception (Brown Application Box), Dr AB Xuma Building, 1112 Voortrekker Rd, Pretoria Townlands 351-JR or should be forwarded to recruitment@health.gov.za quoting the reference number on the subject e-mail.

FOR ATTENTION:

Ms M Shitiba

NOTE:

All short-listed candidates will be subjected to a technical exercise that intends to test relevant technical elements of the job, the logistics of which will be communicated by the Department. Following the interview and technical exercise for SMS posts, the selection panel will recommend candidates to attend a generic managerial competency assessment (in compliance with the DPSA Directive on the implementation of competency-based assessments). The competency assessment will be testing generic managerial competencies using the mandated DPSA SMS competency assessment batteries. Applications should be submitted on the new Z83 form obtainable from any Public Service department and should be accompanied by a CV only (previous experience must be comprehensively detailed). The Z83 must be fully completed (in line with DPSA Practice note), failure to comply will automatically disqualify the applicant. Applicants are not required to submit copies of qualification and other relevant documents on application. Certified copies of qualifications and other relevant documents will be requested prior to the final selection phase. Applications should be on one PDF format (If emailed). Applications received after the closing date and those that do not comply with the requirements will not be considered. It is the applicant's responsibility to have foreign qualifications and national certificates (where applicable) evaluated by the South African Qualification Authority (SAQA). Please note by responding to the advertisement, you consent to the collection, processing, and storing of your Personal Information in accordance with the Protection of Personal Information Act (POPIA). Your information will be used solely for the purpose of this promotion and will not be shared with third parties without prior consent unless required by law. The Department reserves the right not to fill the posts. The successful candidate will be subjected to personnel suitability checks and other vetting procedures. Applicants are respectfully informed that correspondence will be limited to short-listed candidates only. If notification of an interview is not received within three (3) months after the closing date, candidates may regard their application as unsuccessful. The Department will not be liable where applicants use incorrect/no reference number(s) on their applications. All shortlisted candidates, including the SMS, shall undertake two pre-entry assessments. One will be a practical exercise to determine a candidate's suitability based on the post's technical and generic requirements and the other must be an integrity (ethical conduct) assessment.

POST

: **DEPUTY DIRECTOR: DATA SCIENTIST (X2 POSTS)**
(REF NO: NDOH 73/2026)

SALARY

: An all-inclusive remuneration package of R932 292 per annum [basic salary consists of 70% or 75% of total package, salary package will be structured according to Middle Management Service guidelines.

CENTRE

: Chief Directorate: Digital Health Information Systems. Pretoria

REQUIREMENTS

: A Grade 12 certificate and NQF 7 qualification in one of the following sciences: Data Science, Statistics, Computer Science, Mathematics, Applied Mathematics, Information Systems, Health Informatics, Epidemiology, Biostatistics, Actuarial Science, Engineering (with a data analytics focus). A postgraduate qualification (NQF 8) in Data Science, Biostatistics, Epidemiology, Public Health, or Health Informatics will be an advantage.

Proven work experience of 3–5 years in data analysis, analytics, statistics, machine learning, or health data management. This experience may be in the fields of: Health information systems, Clinical data, Public health programmes, Research datasets, Monitoring and evaluation systems or Disease surveillance systems. Experience related to building ETL processes will be an advantage. Proven competencies in: Epidemiology and disease surveillance, Health systems and service delivery, Health indicators and reporting frameworks, Health information systems, Data quality management, Health data interoperability standards, Research methods and biostatistics, Protection of Personal Information Act (POPIA), Ethical use of health data during the handling and manipulation of large health datasets using enterprise database technologies. Key technical skills required include: Programming Languages such as Python and SQL. Data Science and Analytical skills related to: Machine learning, Statistical modelling, Predictive analytics, Data mining and Natural language processing will be advantageous. Data visualisation skills required include: Power BI, Tableau or Python visualisation libraries. Database Technology proven experience includes: MS SQL Server and PostgreSQL. A valid driver's license.

DUTIES

: Plan, coordinate and execute data science project activities that transform health data into actionable insights in support of decision-making. Develop and maintain advanced analytical solutions. Ensure the integrity and reliability of health data. Enable evidence-based digital health products and services. Advance digital health knowledge and innovation. Ensure analytical work supports organisational objectives. Ensure responsible use of health data that relates to regulatory compliance, privacy (POPIA) and ethics in health data, including ethical use of AI, ML and DL in the digital health ecosystem. Enhance the analytical maturity of Data Science in the Digital Health Unit. Contribute towards solutions for solving analytic problems that can be incorporated into the Business Intelligence (BI) solutions for the NHI Fund Design. Participate and contribute to Data Governance, and ensure compliance with relevant legislation.

ENQUIRIES

: Ms E Vosloo e-mail: Elbie.Vosloo@Health.gov.za

CLOSING DATE

: 7 September 2026