

Job Specification & Recruiting Profile of Vacancy

23 October 2019

The following vacancy exists at NSFAS in Cape Town.

Position	Senior Data Analyst (Data Scientist)	Type & Grade	12 Month Fixed Term Contract (Grade 13)
Vacancy No	119 of 2019/20	Department & Unit	Operations

POSITION OVERVIEW:

NSFAS requires the skills of a data expert who is able to guide the organisation with respect to matters relating to data, including master data, business intelligence, advanced analytics, information management, current state analysis and design of the future data architecture, data correction, data quality, data processes, etc. It is critical that successful candidate is able to grasp the business value chain and bursary rules both historically and current and able to work in an integrated manner with both the ICT and Operations Department within NSFAS.

RESPONSIBILITIES:

Current state of NSFAS data architectures, and impact on data quality and operations

- Determine the current state of the NSFAS data architecture, detailing the impact on data quality as well as the operational business processes (including our ability to deliver on our mandate)

and report effectively and accurately)

Oversight over the correction of historic data errors

- Guide and direct a team to correct historic data errors in such a way as to:
 - Enable traceability and auditability
 - Not create new data errors in the processes of fixing others
 - Ensure that operational staff are fully aligned
 - Assist forensic investigations as well as risk and assurance functions.

Oversee reporting

- There are numerous reports that are required for statutory and operational requirements, including reports for DHET.
- Oversee the reporting generation process to ensure consistency, accuracy and traceability.
- Provide diagnostics to institutions to improve data integration and quality.

Design of future data architecture and business intelligence capability

- Based on the current state analysis, provide recommendations on the future data architecture requirements, as well as short term and tactical improvements that can be implemented. These should include organisational recommendation as well as technical recommendations.

DESIRED SKILLS AND EXPERIENCE

Minimum Requirements:

Post graduate qualification in any of the following fields:

- ICT
- Engineering
- Finance

Or similar, especially where such qualification furthers the candidate's knowledge of data and information management or data architectures.

Minimum Knowledge and Experience:

- Minimum of 10 years of experience, of which at least 5 must have been in a specialist role involving data or data architectures or business intelligence role
- Proven experience in leading and directing complex and large data related projects
- Demonstrated ability in relating the management or use of data to business value and operations
- Experience in overseeing the design, implementation and maintenance of data processes with embedded governance and control
- Experience in providing direction to data architecture design and implementation projects, including business intelligence
- Experience in managing data related risk effectively
- Knowledge of Public Financial Management Act.
- Data Analytics and treatment of big data

Beneficial Skills:

- Knowledge of NSFAS Act.
 - Experience in both the financial service and government sectors.
 - Exposure to the higher education sector.
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Skills and Competencies required:

- Analytical thinking and ability to probe down to level of detail.
- High ability to collaborate with others in order to effect change.
- Instil and models a disciplined work ethic and accountability
- Values driven.
- Highly competent in both written and verbal communication skills
- Ability to maintain a sense of resilience when faced with challenge.
- Ability to transfer skills effectively
- Technically abreast with professional development matters
- Ability to manage external resources and oversee any additional contracts.

Computer skills required:

- MS Word – Intermediate
- MS Excel – Advanced
- MS Power Point – Intermediate
- MS Outlook – Intermediate
- Statistical / Data Analytical Software - Advanced

REMUNERATION & BENEFITS

R1 033 205 – R1 217 082 per annum

Total Cost to Company per annum inclusive of all benefits and company contributions.

PLEASE NOTE

Closing date: 6 November 2019

Interested applicants should send detailed Curriculum Vitae, copies of academic qualifications and

names of three contactable referees to Ms. Thokozile Mnikina via email jobs@nsfas.org.za. NSFAS do not consider late applications. Staff on Leave must ensure that they check the NSFAS portals for advertised vacancies and familiarize themselves with the respective closing dates. NSFAS only corresponds with Shortlisted Candidates. If you do not hear from NSFAS within 2 months of the closing date, please consider your application unsuccessful.

** NSFAS committed to employment equity. Preference will be given to candidates who improve employment equity considerations **

“NSFAS is committed to providing equal opportunities and practicing affirmative action employment. It is our intention to promote representivity (race, gender, disability) in the organisation through filling of this position and candidates whose appointment will promote representivity will receive preference.”

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