

5 June 2023

**The Public Investment Corporation (PIC) invests funds on behalf of public sector entities including the Government Employees Pension Fund. The organisation is the largest investment manager in the country and the continent. Applications are invited from dynamic individuals for the following challenging position:**

**Position: Data Analyst**

**Job Grade: D1 - D3**

**(Ref: DA001)**

**Salary:** All-inclusive remuneration packages negotiable

**Centre:** Public Investment Corporation, Pretoria

**Requirements:**

- Bachelor's degree in information technology, Management Information Systems, Computer Science, Computer Engineering or Data related
- Data Analytics certifications such as Azure Data Engineer, Azure Data Scientist, Microsoft Data Analyst, Certified Data Professional, Certified Data Management Professional or similar.
- Agile, COBIT and /or ITIL certifications would be added advantage.
- Minimum of 6 - 8 years' experience in a data analytics, data mining or analytics role, with at least 4 years' experience in a financial services institution
- Knowledge of asset management or investment fund industry, including securities, financial instruments, and related data feeds.
- Experience in working with all levels of users driving and developing data definitions for process and systems changes, strong ability to extract and analyse large and complex data sets and technical expertise regarding data models, database design development, data mining and segmentation techniques.
- Experience with databases, data lakes and data warehouse design, development, and implementations.
- Experience with conducting analytics, data transformation, and visualization using tools such as SQL Server, T-SQL, Python, Java, JavaScript, MatLab, Microsoft R, Visual

Studio, Azure Databricks, Azure Data Factory, Azure Synapse, Microsoft PowerBI, and IBM Cognos.

- Strong knowledge of data scripting languages and automation of data-related tasks.
- Full project management, Agile methodology and development life cycle experience.
- Strong knowledge of Data Management Association (DAMA) DMBOK.

### **Duties:**

- Conduct in-depth analysis and mining of complex PIC business data (including operational and performance) to identify opportunities for business improvement and answer specific business questions through the identification of patterns and correlations among the various data points.
- Data integration services including mapping and tracing data from system to system to solve a given business or system problem.
- Turn massive and complex amounts of structured and unstructured data sets into useful information to solve PIC challenges.
- Ensure the stability and reliability of data access and data quality across the organisation.
- Documenting technical specifications for data solutions that specify pertinent information such as data sources-to-target maps, types, structure (logical and physical models), flows, data dictionary transformations, storage, and reports.
- Conduct data solution design, evaluate viable solutions, build/develop and implement in line with PIC data governance practices.
- Promote integrity, reusability, maintainability, reliability and scalability in the design and development of data solutions.
- Liaise with internal and external stakeholders to gather business requirements and translate these into specifications whilst enriching business understanding of their data.
- Analyse and resolve problems in existing data / extracts / reports / queries, and then implement corrective actions.
- Participate in data management and auditing, querying advanced data analysis and identification of anomalies as per defined policy.
- Provide and apply quality assurance best practices for data analysis services across the organization.
- Lead the acquisition and management of data feeds services (e.g., JSE, Bloomberg, Iress, Refinitiv, MSCI, etc.) and subscription services across the organisation.

- Drive data architectural designs for assigned projects and provide enterprise-wide technical data assistance and cross-training.
- Participates in project planning, daily stand-up meetings (scrums), reviews, retrospectives, sprint and release planning, and other Scrum-related meetings.
- Provide data analysis services during the lifecycle of projects/products to ensure successful implementations.
- Define all data requirements for projects and ensure the adequacy of tests during the project.
- Identify and manage data risks in line with PIC Enterprise Risk and Data Management frameworks.
- Create awareness within the IT team and put in place a process of addressing and managing data issues.
- Ensure that all applicable regulatory requirements are adhered to.

## **Skills**

- Technical in-depth knowledge of data scripting languages and tools.
- Automation of data related tasks using relevant industry tools.
- In-depth knowledge of data analytics processes, methodologies, and ability to analyse complex and big data.
- Solid understanding of data analytics concepts, architectures, and processes.
- Experience with business and technical requirements analysis, business process modelling/mapping and data mapping.
- Good knowledge of cloud computing and hosted services.
- Good understanding of agile methodologies, values, and procedures.
- Proficient in extracting, profiling, manipulating, correcting, and analyzing data.
- Good knowledge of data governance and creating business-oriented workflows.
- Good knowledge of applicable data privacy practices and laws.
- Ability to create and maintain written technical, user, and system documentation.

## **Competencies**

- Good team player with excellent interpersonal and organisational skills.
- Relationship Management.
- High attention to detail.

- Customer centricity
- Solid oral/written communication skills and ability to work directly with clients.
- Effective team player with solid time management.
- Exceptional problem-solving abilities
- Multitasking and working under pressure with minimal supervision.
- Excellent numerical and analytical (including statistical) skills.

**With the PIC having topped the R2 trillion mark in assets under management and in the process of entering the global investment market, it is the best asset manager any serious professional would want to be associated with. It is also one of the better places from which one can serve South Africa.**

**Closing Date: 9 June 2023**

**PIC is an equal-opportunity employer.**

Please forward the copies of your comprehensive CVs to [Recruitment1@pic.gov.za](mailto:Recruitment1@pic.gov.za)

**\* Grade range is from D1 – D3 commensurate with applicable minimum requirements.**

***Privacy Notice.** By submitting your job application, you consent to PIC's processing of your personal information for the purposes of assessing your job application. PIC will process your Personal Information in accordance with applicable laws and the PIC Privacy Policy available here ([www.pic.gov.za](http://www.pic.gov.za)). You are free to withdraw your consent at any time, after which, PIC may no longer be able consider your job application.*