



VACANCY

NAMPORT is a leading strategic and dynamic institution facilitating trade for national development. We are unique in our trade and operate in a highly competitive global sphere. Opportunities are available for creative and high potential individuals who have the zeal to learn, grow and contribute in a high-performing environment. As a reputable Employer of choice, we offer competitive rewards and prospects in return.

Our vision is to be the best performing seaports in Africa. If you resonate with our vision and have the right attitude; we encourage you to apply for the following **senior specialist** position:

POSITION: DATA SCIENCE SPECIALIST
DEPARTMENT: ICT
LOCATION: PORT OF WALVIS BAY

PURPOSE OF THE JOB:

To gather, integrate, analyse, and interpret complex datasets to provide actionable insights that support data-driven decision-making and drive the digital transformation strategy. The Data Science Specialist will play a crucial role in establishing a centralized data warehouse, leveraging AI solutions for predictive analysis, and designing business intelligence (BI) reports to enhance reporting capabilities and enable data-driven strategies. The position reports directly to the Manager: ICT Development & Innovation.

KEY PERFORMANCE AREAS:

- Design, implement, and maintain systems for collecting, verifying, and integrating data from various sources, ensuring adherence to standards, efficient storage, and retrieval, while collaborating with ICT teams to support data warehouse infrastructure.
- Identify and resolve data issues, standardize formats, automate cleaning tasks, validate and transform datasets, document processes, review workflows, and test data for usability in analysis tools.
- Conduct descriptive and inferential analyses, apply advanced statistical techniques, integrate data from multiple sources, develop models, create detailed reports, provide actionable recommendations, and stay updated on new analysis techniques and tools.
- Design and develop interactive dashboards, create visualizations to simplify complex data, ensure accuracy and timeliness of reports, customize templates, utilize visualization tools effectively, integrate real-time data, provide training on data interpretation, and regularly update visualizations.
- Build and validate predictive models, use regression, clustering, and classification techniques, evaluate and iterate on model performance, apply machine learning algorithms, maintain and update models, document methodologies, and share insights for strategic decision-making.
- Define and implement data quality metrics, perform regular audits, proactively address data issues, collaborate with data owners, track dataset changes, implement validation checks, ensure compliance with data governance policies, and provide training on data quality maintenance.
- Assist in designing and implementing a scalable data warehouse, integrate big data sources, support self-service reporting, design ETL pipelines, develop and maintain BI tools, ensure alignment with organizational goals, document workflows, optimize performance, and enable predictive analytics.

QUALIFICATIONS, EXPERIENCE AND SKILLS:

- An Honours Degree [NQF Level 8] in Data Science, Statistics, Mathematics, Information Systems, Computer Science, or equivalent.
- A Master's Degree [NQF Level 9] in Data Science, Statistics, Mathematics, Information Systems, Computer Science, or equivalent is an added advantage.
- Minimum of five (5) years of proven experience in data analytics, data visualization, and BI tools with a strong understanding of statistical analysis and modelling techniques, experience with ETL tools, SQL, database management systems and data warehousing, of which two (2) years should have been in a senior role.
- Must have a track record of successful completion of high-impact data-driven projects working with real-world datasets across different business functions, demonstrating advanced data modelling, predictive analytics, and visualization skills.
- Certification in Data Analytics (e.g. Google Data Analytics, IBM Data Analyst, CompTIA Data+, Microsoft Certified: Data Analyst Associate, AWS Certified Data Analytics, Google Data Engineer, SAS), Data Science or Business Intelligence tools (e.g. Microsoft Power BI, Tableau Certified Data Analyst), Big Data (e.g. Cloudera or AWS Certified Data Analytics, Google Professional Data Engineer, Azure Data Scientist Associate) is an added advantage.
- Must be detail-oriented, analytical, and precise with a strong focus on data accuracy and quality.
- Adept at problem-solving and innovative thinking, with the ability to tackle data-related challenges effectively.
- Strong communication skills, capable of translating complex technical information into business-friendly language.
- Code BE driver's License.
- Must be a Namibian Citizen.

Women and persons with disabilities are highly encouraged to apply and will be given preference.

To apply, and for more information on these opportunities, please visit our website at www.namport.com/careers/ or apply through the Namibia Integrated Employment Information System (NIEIS) at <https://nieis.namibiaatwork.gov.na/>

Certified copies of foreign qualifications should be accompanied by proof of evaluation by the Namibia Qualifications Authority.

WINDOW OF OPPORTUNITY: 23 MAY 2025

No hand delivered, emailed, or faxed applications will be considered. Only shortlisted candidates will be contacted.
Enquiries and applications should be addressed to: **Human Capital Business Partner** | Namibian Ports Authority | P O Box 361 | Walvis Bay.
Tel: 064: 208 2307 | 2316 | 2255 | 2506

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