



1. Enterprise Analytics' Lead

Locations: Head Office NBC
Time type: Full time
Deadline: 19/06/2024
Job requisition id: R-15959944

NBC is the oldest serving bank in Tanzania with over five decades of experience. We offer a range of retail, business, corporate and investment banking, wealth management products and services.

Job Summary

This role typically involves focusing on the technical and analytical aspects of data within an organization. This role plays a critical part in transforming data into actionable insights to support NBC business decisions. The Enterprise Analytics Lead is responsible for harnessing data and employing advanced analytics techniques to provide actionable insights that drive strategic decision-making and optimize business operations. This role also involves identifying and mining data, performing statistical analyses, applying data visualization techniques, and helping build high quality visualization systems.

Job Description

- Conduct in-depth data analysis to identify trends, patterns, and anomalies within datasets, using statistical and machine learning techniques.
- Develop and implement predictive models, statistical models, and machine learning algorithms to extract valuable insights from data.
- Extract, clean, and pre-process data from various sources to ensure data accuracy, consistency, and readiness for analysis.
- Create data visualizations and reports that effectively communicate insights to both technical and non-technical stakeholders. Use tools like Tableau, Power BI, or other data visualization software.
- Implement data quality checks and validation procedures to ensure data integrity and reliability. Address data quality issues and anomalies as they arise.

- Collaborate with data engineers and IT teams to integrate and consolidate data from multiple sources, ensuring a unified and comprehensive dataset.
- Perform ad-hoc analyses to answer specific business questions and provide quick insights when necessary.
- Continuously improve data analysis processes and models to enhance the efficiency and effectiveness of data-driven decision-making.
- Adhere to data security and privacy regulations, ensuring that data handling and analysis practices comply with relevant laws and policies.
- Collaborate with various departments and business units to understand their data needs, align analytics efforts with business objectives, and provide data-driven recommendations.
- Maintain detailed documentation of data analysis processes, methodologies, and results for future reference and reporting.
- Share knowledge and expertise with team members and stakeholders, promoting data literacy and understanding within the organization.
- Stay updated on emerging data analysis techniques, tools, and technologies, and seek opportunities for professional development.
- Generate regular and ad-hoc reports that summarize key findings and insights from data analyses, providing actionable recommendations to support decision-makers.
- Manage analytics projects, including scoping, planning, execution, and delivery, while meeting project deadlines and milestones.

Education and Experience Required

- Bachelor's in Computer Engineering/Computer Science/Data Science technical or related experience.
- At least 5 years of Analytical Systems support experience.
- Minimum of 5-years' experience in data designs and modelling.
- Proven work experience as Data Analyst, Data Specialist, or similar role.
- In-depth understanding of database structure principles.
- Experience gathering and analyzing system requirements.
- Experience in data mining and modelling techniques.
- Experience in SQL and relational and non-relational databases.

Knowledge, Skills & Competencies:

- Proficiency in data analysis techniques and tools to explore, clean, and transform data into actionable insights.
- Strong SQL skills to query, manipulate, and analyze data stored in relational databases.
- Expertise in data visualization tools like Tableau, Power BI, or similar software to create visually compelling and informative charts, graphs, and dashboards.

- Ability to create data models and use statistical methods to forecast trends and make data-driven predictions.
- Understanding of ETL processes to extract data from various sources, transform it for analysis, and load it into data warehouses or reporting systems.
- Familiarity with data warehousing concepts and structures, including data cubes and star schemas.
- A strong understanding of business operations, objectives, and key performance indicators (KPIs) to align BI solutions with organizational goals.
- The ability to identify complex business problems and use data to propose effective solutions and strategies.
- Excellent communication and data storytelling abilities to convey insights to both technical and non-technical stakeholders.
- Familiarity with various database management systems, including NoSQL databases.
- Proficiency in statistical analysis techniques to derive meaningful insights from data.
- The ability to work closely with cross-functional teams and departments to gather requirements and understand the needs of end-users.

Qualifications

Bachelor's Degree - Information Technology, Experience in a similar environment

To Apply, [CLICK HERE](#)

2. Lead Data Scientist

Locations: Head Office NBC

Time type: Full time

Deadline: 19/06/2024

job requisition id: R-15962581

NBC is the oldest serving bank in Tanzania with over five decades of experience. We offer a range of retail, business, corporate and investment banking, wealth management products and services.

Job Summary

The role involves fetching information from various sources and analyzing it to get a clear understanding of how an organization performs, using statistical and analytical methods plus AI tools to automate specific processes within the organization and develop smart solutions to

business challenges. The objective is to help the organization analyze trends to make better decisions. The role leverages data-driven insights to inform and guide decision-making within an organization. It plays a crucial role in extracting valuable knowledge from large and complex datasets, which can be used to solve specific business problems and drive innovation.

Job Description

Key accountabilities

- Collect, acquire, and integrate data from various sources, such as databases, APIs, and external datasets.
- Ensure data quality and cleanliness through data cleaning and pre-processing.
- Conduct EDA to understand the characteristics of the data, identify patterns, and detect outliers.
- Visualize data using appropriate tools to gain insights.
- Engineer relevant features from raw data to enhance the performance of machine learning models.
- Select and transform variables for predictive modelling.
- Develop and train machine learning models for tasks like classification, regression, clustering, and recommendation.
- Optimize models for accuracy and efficiency.
- Create meaningful and visually appealing data visualizations to communicate findings to stakeholders.
- Apply statistical methods to analyse data and test hypotheses.
- Use statistical tests for significance and confidence interval estimation.
- Deploy machine learning models in production environments.
- Ensure models are scalable, maintainable, and continually monitored for performance.
- Collaborate with cross-functional teams, including data engineers, domain experts, and business analysts, to understand requirements and objectives.
- Develop a deep understanding of the organization's business goals and challenges.
- Align data science projects with business objectives.
- Adhere to ethical data practices, ensuring data privacy, security, and compliance with regulations.
- Maintain thorough documentation of data analysis, methodologies, and model development for reproducibility and knowledge sharing.
- Stay updated on the latest advancements in data science, machine learning, and relevant technologies.
- Manage data science projects, including scoping, timelines, and resource allocation.
- Prioritize tasks and ensure projects are delivered on time and within budget.

- Establish a feedback loop with stakeholders to incorporate their insights and refine models or analysis.
- Contribute to the development of a data strategy that aligns with the organization's long-term goals.
- Deliver clear and concise presentations and reports to communicate findings, insights, and recommendations to executives and decision-makers.
- Ensure that machine learning models are interpretable, explaining the rationale behind predictions.
- Implement data governance policies and practices to maintain data quality, integrity, and accessibility.
- Formulate and test hypotheses to answer specific business questions using data

Education and Experience Required

- Bachelor's in Computer Engineering/Computer Science/Data Science or related.
- At least 3-5 years of Statistical/Analytical Systems support experience.
- Minimum of 3-5-years' experience in data science and modelling.
- Proven work experience as Data Scientist, Data Modeler, or similar role.
- In-depth understanding of database structure principles.
- Experience gathering and analyzing system requirements.
- Experience in data mining and modelling techniques.
- Experience in SQL, R, Python, and related technologies.

Knowledge, Skills & Competencies:

- A strong foundation in statistics is crucial for understanding data distributions, making inferences, and creating statistical models.
- Familiarity with machine learning techniques, such as regression, classification, clustering, and deep learning, is essential for predictive modeling and pattern recognition.
- Skilled in data visualization tools to communicate insights effectively.
- Proficiency in programming languages such as Python and R is essential for data manipulation and analysis.
- The ability to preprocess and clean data, handle missing values, and outliers is critical for accurate analysis.
- Proficiency in SQL for database management and querying is often required.
- Familiarity with big data technologies like Hadoop, Spark, or NoSQL databases for handling large datasets.
- The ability to effectively communicate complex findings to both technical and non-technical stakeholders is essential.
- Proficiency in data wrangling tools and libraries to transform and prepare data.

- The ability to craft compelling narratives from data and present findings
- An understanding of the business context and objectives, enabling data-driven solutions that align with organizational goals.

Qualifications

Application of IT systems and tools, Bachelor`s Degrees and Advanced Diplomas - BMI - Business Management and Informatics, Business Analysis, Collaboration with others, Commercial mindset - Junior, Creative and innovative thinking, Experience in a similar environment, Reasoning, Results orientation

To Apply, [CLICK HERE](#)

3. Consultant Trade Operations

Locations: Head Office NBC

Time type: Full time

Deadline: 21/06/2024

Job requisition id: R-15965137

NBC is the oldest serving bank in Tanzania with over five decades of experience. We offer a range of retail, business, corporate and investment banking, wealth management products and services.

Job Summary

Delivering exceptional business performance through working as part of a team which undertakes a wide range of Trade Finance processing and servicing.

Job Description

Key Accountabilities:

Business Execution & Performance - 30%

- Provide guidance to the team on handling Bank Guarantees, Letters of Credit (LC), Trade Loans and Bills for Collection from time to time by providing guidance on transaction processing including technical solutions etc;
- Review and authorize trade transactions booked in the core banking system FCC and SWIFT platform - Morongwa provided:
 - >It is per customer application request and approved draft (for LC);
 - > Signed and verified as per customer mandate;

>Screened and passed successfully under Third Party Screening Portal (TPS);

>Supported with all necessary documents based on products requirements;

>Supported with valid facility letter and must be within the approved limits.

- Ensure customer's account has sufficient balance to cover processing of transaction commission, related charges and /or cash cover (if applicable) before authorizing on FCC and /or Morongwa;
- Manage trade products processes by adhering to operations manual and process maps whereby ensuring that all applications, payments, and claims are dealt with accurately and timely;
- Daily review and print all trade finance related inward swift messages from Morongwa and identify those that need to be worked upon/responded and assign to maker and follow up for closure;
- Daily review of maturity reports on various products such as LC Bills, Import LC, Bank Guarantee, Trade loans, unpaid export bills and advise for settlement or closure for non-performing or expired contracts;
- Daily review the Nostro reconciliation report as circulated by the reconciliation team identifying and working on all Trade finance outstanding entries such as liquidated LC Bills, Export proceed etc to ensure they are not outstanding for more than 3 working days;
- Work closely with other units within the Banks such as Business Banking (BB), Corporate & Investment Banking (CIB), Legal, Treasury and Finance including Absa Group counterparts for consistent achievement of agreed service standards;
- Ensure commissions and charges are collected as per prevailing bank tariff guide or as per customer approved rate furnished in the approved facility letter documents or as will be approved from time to time;
- Provide support to the Line Manager by coordinating the team to ensure effective teamwork across the Trade Operations Unit;
- Monitor for proper filling of transactions such as LC, Guarantees, Bills for collection and Trade Loans according to the agreed filing standards and transaction status in the cabinets for future reference and easy retrieval of documents.

Innovation & Change -10%

- Support the Business on new trade finance products initiatives including process changes from testing stages (UAT) till implementation as and when the need arises;
- Provide suggestions to the line manager on process change, improvements (if any) to improve unit's efficient in transaction processing;
- Continuously look for opportunities to further develop own skills and expand knowledge base.

Customer Service & Stakeholder Management - 30%

- Own and manage Trade Operations queries and complaints under area of supervision and ensure they are recorded and resolved conclusively and timely;

- Monitor Service Level Agreements between the department and other stake holders within the Bank to ensure smooth transactions flow from when received, reviewed for workability to when the limit marking request is sent and marked for execution;
 - Manage the performance of the team and ensure that they meet or exceed agreed service levels (both internal and external), take ownership of overall service performance and accuracy levels in responsibility;
 - Ensure the team performs monthly reconciliation on LC and Guarantee liability, Cash cover and income including Trade loan, import and export Bill volume report and submit to unit team leader for review before circulating to other stakeholders with the agreed timelines;
 - Provide leadership to staff and champion a strong culture of delivering excellent operational and customer service standards;
 - Provide support and produce evidence to auditors as and when will be required during internal and external audit activities;
- Controls & Risk Management - 30%
- Ensure all activities and duties are carried out in full compliance with current regulatory requirements, NBC Policies and procedures together with ABSA Group Standards;
 - Ensure compliance to UCP 600, URC 522, URR, URDG758, Foreign Exchange Controls on payments, NBC operating procedure and AML/KYC when handling import and export letters of credit, import and export bills for collection, Trade loans and Bank Guarantee;
 - Understand and manage key risk indicators falling under the role and escalate any risk issues in a timely manner;
 - Ensure adherence to the Group IT security policy and controls in accessing the system;
 - Comply with Operational risk and rigour in respect to protecting our people, customer's assets, and the organization;
 - Adhere to the delegated matrix during transaction handling and processing;
 - Ensure screening for all eligible trade transaction is done before authorization in the FCC and /or Morongwa also AML check and other sanctions related issues are performed whereby supported by AML checklist attached;
 - Ensure Valid and approved Customer facility letters for LC ,Gtee ,Avalized bills and Trade loans are available , utilization is verified against aproved limit and Limit is set by RCU before authorization of LC ,Gtee and Trade loans;
 - Ensure end of month reconciliations on letter of credit , Cash cover, Guarantee, Trade loans, and also carry out monthly income reconciliation on LC and Guarantee etc are done;
 - Perform any other duty as will be assigned from time to time.

Education and Experience Required

- University Degree in Banking, Accounting, Finance and Business Administration or related field;

- At least 6 years Technical experience in similar environment.

Knowledge & Skills:

- Good knowledge of Banking products and services;
- Proficient in internal computer Operating Systems and Applications;
- Good knowledge of all trade products;
- Knowledge of International rules governing trade operations. Including the UCP600 and, ISP 98, URC 522 and URDG;
- Working knowledge of relevant legislation e.g. KYC, Sanctions Screening, Money Laundering, Service standards, Healthy and Safety Standards etc;
- Interpersonal skills: enthusiastic and diligent;
- Excellent Customer Service.

Qualifications

Bachelor's Degree - Banking, Business Improvement Orientation (Meets some of the requirements and would need further development), Digital familiarity (Meets all of the requirements), Enabling team success (Meets some of the requirements and would need further development), Experience in a similar environment, Openness to change (Meets some of the requirements and would need further development), Operational administration (Meets some of the requirements and would need further development), Product and/or Service Knowledge (Meets some of the requirements and would need further development), Quality orientation (Meets some of the requirements and would need further development)

To Apply, [**CLICK HERE**](#)