



External Job Vacancy Announcement

Job Title : **DATA ENGINEER**

AccessBank Liberia is looking for talented and ambitious candidates with analytical skills for a position of **Data engineer**.

AccessBank Liberia (ABL) Limited, shareholders are multinational entities including AccessHolding, African Development Bank and European Investment Bank.

A data engineer builds and maintains data systems. He/she constructs datasets that are easy to analyze and supports the bank's requirements. Data engineer transforms raw data into useful data systems to improve data reliability and quality. He/she combines raw information from different sources to create consistent and readable formats.

General responsibilities:

1. Protect the interest of AccessBank Liberia;
2. Meet the monthly/quarterly/yearly performance indicators and deadlines for tasks given;
3. Provide necessary reporting and analysis for the bank's operations and for the management;
4. Optimize and designs the data architecture to support the bank's operation;
5. Oblige to maintain client data and bank data in a confidential way and not to pass it on internally or externally without specific authorization, or in line with the operating guidelines of the bank;

This includes but not limited to:

1. Analyze and organizes raw data; Build data systems, pipelines and algorithms;
2. Evaluate business needs and objectives; Interpret trends and patterns;
3. Conduct complex data analysis and report on results;
4. Prepare data for prescriptive and predictive modeling;
5. Combine raw information from different sources; Explore ways to enhance data quality and reliability;
6. Identify opportunities for data acquisition; Develop analytical tools and programs;
7. Create and maintain optimal data pipeline architecture;
8. Assemble large, complex data sets that meet functional / non-functional business requirements.
9. Identify, design, and implement internal process improvements: automating manual processes, optimizing data delivery, re-designing infrastructure for greater scalability, etc.
10. Build the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of data sources using SQL and other technologies.

11. Build analytics tools that utilize the data pipeline to provide actionable insights into, operational efficiency and other key business performance metrics;
12. Build and develops dashboards on the Qlik Sense data analytics platform;
13. Work with stakeholders including the Management, Heads of Departments, Project managers and others to assist with data-related technical issues and support their data infrastructure needs;
14. Interact and coordinate with IT department of the bank and other related parties (internal/external) to implement the decisions and instructions of the management;
15. Identify fraud, risk and suspicious transactions and timely report to supervisor;
16. Constantly look for ways to improve the processes in the bank and propose the initiatives and innovations for development to the management;
17. Keep data separated, secure and confidential;
18. Create data tools for analytics that assist in building and optimizing Bank's products and services into an innovative industry leader;
19. Work with data and analytics experts to strive for greater functionality of the bank's data systems;
20. Design the processes and workflow;
21. Prepare and verify the calculation of bonuses/compensations for staff/team, and submit it to financial controlling;
22. Perform root cause analysis on internal and external data and processes to answer specific business questions and identify opportunities for improvement;
23. Prepare reports, statistics and analysis
24. Participates in projects held at ABL;
25. Perform other duties assigned by the management;

Required Skills and Working Experience:

- Minimum Educational level: Bachelor;
- Computer literacy: proficient in use of Microsoft office software (Word, Excel, Outlook and PowerPoint, SQL, QS,), myMBS and other IT support systems used at ABL;
- Strong analytical, numerical and technical aptitude. Accuracy and solid attention to detail;
- Min. of 3 years' work experience in a similar position in a supervisory role
- Professional, ethical and discretion when dealing with confidential information;
- Strong communication (verbal and written) and interpersonal skills;
- Committed, responsible and able to work under pressure and limited time frames;
- Ability to carry out the work on an independent basis as well as in working groups and teams;
- Strong project management, planning and organization

If you are interested and fulfill the above mentioned requirements, please send your application, as well as your cover letters and CV including testimony of all relevant documents to the Human Resources Department, AccessBank Liberia, 20th Street Sinkor or via email: hr@accessbank.com.lr Deadline for this vacancy is **Friday, April 30, 2021**.

PLEASE NOTE THAT ONLY SHORTLISTED CANDIDATES WILL BE CONTACTED.