



INTERNATIONAL ENERGY SERVICES LIMITED

JOB TITLE: Data Analytics Developer

Job Location: Port Harcourt

Job Purpose / Objective

Design, Implement and Manage systems for turning data into high-value, actionable insights through the delivery of state-of-the-art, scalable, enterprise data platforms, data science and analytics solutions for our company through a variety of techniques and technologies, from modelling, forecasting, transforming and enriching the data to presenting the data in a meaningful form.

Main Accountabilities

- Gather reporting and analysis requirements and translate into reporting structures data models, including aggregate tables, relational and dimensional.
- Profile and analyse source data to determine the best reporting structures.
- Design and build data integration processes from internal and external source systems into the Enterprise Data Warehouse/Lake.
- Develop dashboards that brings out insight from data for data across the organisation
- Develop and implement quality controls and departmental standards to ensure quality standards, organizational expectations, and regulatory requirements.
- Manage and optimize processes for data intake, validation, mining and engineering as well as modelling, visualization and communication deliverables.
- Develop use cases and data visualizations. Deliver value to the business from data analysis and document, catalogue, profile, cleanse and audit the data.
- Build, develop and maintain data models, reporting systems, data automation systems, dashboards and performance metrics support that support key business decisions.
- Lead cross-functional initiatives using advanced data modelling and analysis techniques to discover insights that will guide strategic decisions and uncover optimization opportunities.
- Provides business and technical expertise for the analytics process, tools, and applications for a business function or business unit.

COMPETENCY REQUIREMENTS

- Highly skilled in SQL programming in T-SQL building stored procedures and jobs
- Strong functional understanding of Azure Machine Learning
- Ability to manage large volume data integration/ETL; experience with SQL Server Integration Services (SSIS) including ability to configure SQL Server agent
- Expertise in identifying and mapping data elements across multiple systems
- Knowledge of Power BI report visualizations, Data Analysis Expressions (DAX), Power Query (M), and Power BI data modeling
- Strong understanding of data integration, quality and validation
- Strong understanding of MDM, Data Warehouse/Data mart and relational database design
- Excellent written and verbal communication skills and able to interact with multiple IT teams and business partners both formally and informally
- Effective time management, ability to multi-task with changing priorities while continuing to provide exceptional client service
- Ability to work in a fast paced agile environment (tools and processes)

Job Requirements

Education

A University degree in Computer Sciences or Physical Sciences or Engineering; professional qualifications will be an advantage.

Experience

5 to 7 years post-graduation experience, out of which 3 years should be a similar role within the IT department or Digital function or R&D function of a reputable organization preferably Oil & Gas company