

Obinna Onyekwere, COREN®

Data Analyst



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Profile Summary

A COREN registered Engineer & business intelligence analyst with 10 years of oil and gas business experience, skilled in database querying, data visualization, data wrangling and statistic tools, having delivered several actionable insights and business intelligence across several projects.



Work History

Data Analyst, *Quantum Analytics*

Oct 2021 – Current

Microsoft PowerBI, Tableau, Excel, PostgreSQL, MSSQL Server

- Acquire data from varied sources & transform to repository using the ETL process.
- Looking for insights in data.
- Monitor and report business performance/progress against KPIs/targets and proffer relevant mitigation/action steps
- Creating reports and dashboards to provide actionable insight for management decision making.
- Interacting with stakeholders for gathering information and presenting findings.
- Cleaning and preparing data for analysis.

Operations Engineer, *Sterling Oil Exploration & Energy Production*

Mar 2019 – Sep 2021

OML 143, 125mmscf/d LPG/NGL Process Plant.

- Report on the Process Safety KPIs using API RP 754 while presenting key data to top management.
- Participate in HSE Inspections, monitors & reports on levels of compliance with approved HSE procedures, standards and regulations, analyze data & develop performance reports.
- Ensure the Management of Change procedure is implemented during any plant modification.
- Ensure Permit to Work procedure & SIMOPS are planned and authorized.
- Provide input to HAZID and HAZOP; provide specialist expertise to asset/project teams in relation to major accident hazards, Fire Risk Assessment, safety critical elements and performance standards.

Safety Data Analyst, *Sarens Buildwell Nigeria,*
OML 30, Gas decompression plant.

Oct 2015 – Feb 2019

- Production of Technical Safety Deliverables.
- Coordinated incident investigation, implementing corrective actions, ensure lessons learnt are shared & follow up on tracking & trends.
- Developed tools in Excel and powerBI for interrogation /analysis of data.
- Data analysis to support KPI tracking.
- Provided analysis that supported decision making and adds value to the business where appropriate.

Operations Data Analyst, *Ciscon Nigeria Limited,*
Akpo & Usan FPSO Field Development.

Jan 2014 – Sep 2015

- Coordinated pre-mobilization Inspection, ensuring that all quality sheet, training records & 3rd party inspection records are updated before mobilization from operational base.
- Data analysis to support KPI tracking for quality and service delivery.
- Created data dashboards, graphs and visualizations for company wide reporting.
- Maintained awareness of and provide advice on relevant new/emerging regulations and support consultation processes to ensure company is well positioned to manage any impact.
- Investigated and analyzed the root-cause analysis of any received customer complaints from external customers, issue anomaly and non-conformance reports to concerned parties.
- Ensured make-up & stab-Up of liner hanger, upper completions and lower completions and pressure testing were done according to the Standard Operating Procedure.
- Analyzed client feedback and sub-contractors service delivery.
- Assisted in the preparation of daily, weekly and monthly reports as requested by the operations manager using the appropriate tools.

Operations Analyst, *JC International,*

Jan 2010 – Dec 2013

Transocean Offshore Rigs (Baltic, Mangellan, Rig 135, Sedneth 701, Sedco 702)

- Supervised the upgrade of the mud process onboard Pacific Khamsin, offshore Agbami field achieving 29,000 man hours with zero LTI.
- Performed site inspections and updated the hazard, risk assessment & loss prevention register. Implemented new personnel induction procedure & new equipment pre-mob before job commence.
- Kept tracker of all gauges, fire extinguishers, gas detectors and alarms, lifting equipment, first aid boxes and ensured calibration and/or inspection are performed when due.
- Compilation of key performance data in preparation for end of year management review meetings.



Education

Master of Engineering, Engineering Management, 3.99/5.00

Jan 2012 – Dec 2015

University of Port Harcourt - Choba, Nigeria.

Bachelor of Engineering, Electrical & Electronic Engineering, 4.23/5.00

Apr 2005 – Nov 2009

University of Benin - Benin City, Nigeria.

Certificate Course in Energy Transition

Jul 2019 – Mar 2020

IFP School, MOOC Supported by Total Foundation.

Certificate Course in Project Management Specialization

Jan 2020 – April 2020

University of California, Irvine Extension, Coursera.



Technical Skills

- Analytical skills
- Detail oriented
- Business acumen
- Critical Problem Solving
- Good team player
- Work under Pressure
- Forecasting budgeting
- Data Analytics
- PostgreSQL
- Microsoft PowerBI
- Microsoft SQL
- Tableau
- Microsoft Excel & Powerpoint.
- KPI trackers & Performance sorecards.
- Business Planning



Certifications and Training

- Google Data Analytics – Ongoing
- Introduction to Data Science – Data Camp, April 2022
- Data Analyst Fellowship - February 2022
- IBM Introduction to Data Analysis - January 2022
- Process Safety Management - October 2021
- NEBOSH, Management of International Health & Safety - December 2018.
- ISO 45001:2018 Lead Auditor Training & Certification, Obtained in April 2018.
- ISO 14001:2015 Lead Auditor Training & Certification, Obtained in May 2018.
- ISO 9001:2008 Internal Auditor Training, Obtained in Oct 2013.



Professional Affiliations

- Registered Engineer, Council for the Regulation of Engineering in Nigeria (R54560).
- Corporate Member, Nigeria Society of Engineers, ID: 46155
- Graduate Member, Institute of Safety Professionals of Nigeria (ISPON), ID: 5659