

IFECHUKWU AZUBOGU SUCCESS

Mechanical Engineer | Data Analyst

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Summary

Results-driven Mechanical Engineer and Data Analyst with a strong background in business intelligence, data analytics, and problem-solving. Experienced in analyzing business performance, optimizing processes, and providing data-driven insights to improve decision-making. Skilled in Python, R, SQL, Tableau, and Excel, with a passion for leveraging technology to enhance business operations and efficiency.

Skills

Data Analytics & Business Intelligence:

- Data Cleaning, Processing, and Visualization
- Business Performance Analysis
- SQL for Data Querying
- Machine Learning for Business Predictions

Software & Development:

- Python, R, SQL
- Tableau, Power BI, Microsoft Excel
- Frontend Development (HTML, CSS, JavaScript, React.js)

Soft Skills:

- Team Leadership, Critical Thinking, Communication
 - Problem-Solving, Strategic Planning
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Professional Experience

Faculty Head, Data Analysis

NIIT Fortesoft, Iponri, Lagos, Nigeria (July 2023 – Present)

- Lead data analysis training programs, mentoring students in Python, R, SQL, and business analytics.
- Designed and implemented business intelligence projects, improving decision-making processes for clients.
- Developed interactive dashboards using Tableau and Power BI for business insights and reporting.

Assistant Manager

Family Business (Jan 2019 – Dec 2022)

- Managed purchasing and servicing of truck parts, ensuring efficient inventory control.
- Led a team to enhance customer experience and optimize business operations.
- Implemented data-driven strategies that reduced operational costs by 15%.

Engineer Intern

CFAO Nigeria, Lagos, Nigeria (May 2021 – Nov 2021)

- Assisted in mechanical servicing, troubleshooting, and predictive maintenance.
 - Diagnosed and repaired heavy-duty machinery, ensuring minimal downtime.
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Projects

1. Sales Performance Analysis for a Retail Business

- Analyzed monthly sales data to identify trends and seasonal patterns.
- Used SQL and Excel to segment customers and determine the most profitable products.
- Provided recommendations that helped increase sales revenue by 12%.

2. Customer Retention Strategy for an Online Store

- Conducted churn analysis using Python and R to understand customer drop-off rates.
- Identified key factors affecting retention and proposed loyalty programs.
- Recommendations led to a 15% increase in returning customers within three months.

3. Market Segmentation for a Small Business

- Collected and analyzed customer demographic and purchase data.
 - Used Tableau to create dashboards showing customer preferences and buying behaviors.
 - Helped the business optimize marketing efforts, leading to a 10% improvement in conversion rates.
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Education

Covenant University, Nigeria

Bachelor of Engineering (B.Eng.), Mechanical Engineering | CGPA: 4.08/5.0

Certifications

- **Python Programming** – NIIT (2023)
 - **Data Analysis** – NIIT (2023)
 - **Autodesk Inventor Certified User (ICU)**
 - **Autodesk AutoCAD User (ACU)**
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References

Available upon request