**GODSWILL NDUKACHUKWU DOUGLAS**
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## PROFESSIONAL SUMMARY

**Microsoft Certified Power BI Data Analyst** and Electrical and Electronics Engineering graduate ( Top 10%). Expert in advanced data modeling, DAX, and Python-based predictive analytics. Specialized in optimizing energy systems and industrial IoT performance, with a demonstrated ability to drive a 25% increase in operational efficiency through interactive visual storytelling.

## TECHNICAL SKILLS

**Programming & Tools**: Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn), SQL, AutoCAD
**Data Visualization:** Power BI (DAX), Tableau, Microsoft Excel (Advanced), PowerPoint
**Core Competencies**: Data Analysis, Machine Learning, Predictive Analytics, IoT Integration, Electrical Power Systems, Data Visualization

## EDUCATION

Bachelor of Engineering (B.Eng.) in Electrical and Electronics Engineering
Elizade University, Ilara-Mokin, Nigeria
2020 – 2025
CGPA: 4.45/5.00 – Second Class Upper Division
Honors: Dean's List, 5.0 GPA in 5 consecutive semesters, Top 10% of graduating class

## PROJECTS

Predictive Analytics for Generator Optimization in Telecom Towers, Code
August 2025
• Developed a regression-based machine learning model using Python to predict generator runtime and diesel consumption
• Integrated variables including solar energy output, load demand, and grid power availability
• Achieved projected diesel cost reduction of 15–20% per tower

IoT-Based Induction Motor Temperature Monitoring System (Final Year Project), Code
June 2025
• Designed and implemented an IoT-based system for real-time temperature monitoring of induction motors
• Improved equipment lifespan by 10% through predictive maintenance and timely intervention
• Developed an interactive Tableau dashboard for real-time data visualization and analysis

Banking Risk Analytics Dashboard, Code
October 2025
• Built an end-to-end data pipeline to analyze credit risk for 5,000+ customers
• Performed exploratory data analysis (EDA) using Python and visualized insights using Power BI
• Identified risk patterns and key loan activity trends

HR Analytics Dashboard
March 2026
• Developed an interactive Power BI dashboard analyzing workforce data for 300+ employees
• Identified 50% attrition rate and key retention drivers using KPI tracking and drill-down analysis

Sales Performance Dashboard
March 2025
• Built an interactive sales dashboard to track key performance indicators and profit margins
• Increased target profit margin from 50% to 54.2% through data-driven insights
• Identified top-performing products and customer segments

## WORK EXPERIENCE

**Freelance Data Analyst**
Dosreal Hotel**,** Port Harcourt, Nigeria
August 2024 – Present, Dashboard
• Developed Power BI dashboards to analyze revenue metrics, including RevPAR and occupancy rates
• Identified a 12% revenue growth opportunity through pricing optimization
• Automated data cleaning and reporting processes, reducing reporting time by 40%

**Industrial Trainee**
Saipem Contracting Limited, Port Harcourt, Nigeria
April 2024 – September 2024
• Designed and interpreted electrical wiring diagrams using AutoCAD for industrial power systems
• Assembled and tested Direct-On-Line (DOL) starter panels with integrated safety systems
• Supported electrical installations in compliance with international safety standards

**Data Analyst Intern**
National Institute of Information Technology**,** Port Harcourt, Nigeria
August 2021 – October 2021
• Cleaned and validated datasets using Microsoft Excel, improving data accuracy by 90%
• Developed dynamic dashboards using Pivot Tables and data visualization techniques
• Conducted exploratory data analysis using R to identify consumer behavior trends

## PUBLICATIONS

• Douglas, G.N., et al. (2026). "An IoT-Based Non-Intrusive Temperature Monitoring System for Star-Delta Controlled Induction Motors." Engineering Headway Journal
• Douglas, G.N., et al. (2025). "IoT-Based Thermal Limit Monitoring and Protection of Induction Motor." International Conference, Elizade University

## CERTIFICATIONS

• Microsoft Certified: Power BI Data Analyst Associate (PL-300) | 2026

## LEADERSHIP & VOLUNTEERING

• Student Tutor (Engineering Mathematics): Mentored 100+ students, contributing to 80% pass rate
• Community Volunteer (RCCG): Coordinated outreach programs and environmental initiatives