

AYOKUNLE SAMUEL ADENIGBA

Data Analytics Engineer • Power Platform Functional Consultant

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PROFILE

Impact-driven analytics professional and Microsoft Power Platform consultant with 6+ years delivering end-to-end data solutions, KPI dashboards, and low-code apps across global, multi-GW renewable energy projects and teams. Built business process application and centralized ETL pipelines that cut data acquisition and analytics time by ~50% and enable faster decision-making. Experience in an engineering consultancy team and skilled at stakeholder communications.

CORE SKILLS & TOOLS

- ETL Pipelines & Orchestration: Python, Azure Data Factory, Logic Apps, Apache Airflow, Power Automate, data build tool.
- Data Modeling & Warehousing: Relational, Document Model, Microsoft Dataverse model driven app, ADLS, SQL Server, PostgreSQL, Snowflake, Fabric Lakehouse.
- Analytics & Visualization: Azure Databricks, Python for Advanced Analytics and ML workflows, real-time analytics, Python modules for visualisation, Power BI (DAX, Power Query), paginated reports.
- Low code Apps Development: Power Apps (model- & canvas-driven apps)
- CICD Automation & Data Governance: ALM, Azure DevOps, Git, GitHub, dbt tests, Workspace design, dataset lifecycle, RLS, documentation & training.
- Machine Learning & Feature Engineering: Forecasting, Classification and Regression models.

EXPERIENCE

Data Analytics Engineer — ib vogt GmbH | Berlin, Germany | Jul 2022 – May 2025

- Implemented power apps solution, pipeline, and centralized data hub for meteorological and engineering data analytics. Provided engineers with reliable, on-demand datasets reduced data collection and validation time by ~50%. Enhanced simulation accuracy and project turnaround. (Power Apps + Dataverse + SQL Server + Power Automate + Power BI)
- Built a Technical Complexity Index (TCI) model and portfolio dashboard in Power BI to de-risk pipeline planning and optimize resource allocation across multi-GW solar projects.

- Designed and Implemented data model and Python- and Azure-orchestrated ETL pipelines for sensors, as-built solar SCADA systems, for accelerated analytics, data integrity validations, performance assessments, anomaly detection and root cause analysis.
- Developed training and adoption programs for international engineering teams; Authored documentation and ALM processes in Azure DevOps.
- Partnered with contract and project managers to align analytics with EPC/O&M KPI definitions, and external clients during project commissioning milestone.

Data Analyst — ib voga GmbH | Berlin, Germany | Sep 2020 – Jun 2022

- Optimized utility-scale solar PV assets with predictive and exploratory analysis informing design and system integration choices and O&M priorities.
- Built python modules for system fault detection, string current deviation analysis, Inverter clipping detection, downtime impact quantification.

Solar (PV) Modeling & Technical Sales Engineer — Nexgen Energy | Dec 2016 - Aug 2019

- Modeled behind-the-meter PV, BESS solutions and systems. Customer and Stakeholder engagement on cost-benefit analysis.
- Managed full project lifecycle, from development to execution. Provided on-site engineering support during construction and commissioning phases.

OTHER EXPERIENCES

Intern Analyst — Hash Analytics | Mar 2020 – Jun 2020

- Analysis HR datasets with mySQL & Tableau to predict attrition and recommend retention actions.

Volunteer Process & Database Developer — WCI Berlin | Mar 2022 – Mar 2025

- Designed and implemented a multilingual text processing tool in Python to analyze, and pair original texts with their corresponding translations, serving as input for weekly presentations tailored to a multilingual audience.
- Automated member onboarding and engagement with Power Automate; centralized records and reporting with SharePoint, Forms.

EDUCATION

Technical University Berlin — MSc., Global Production Engineering

Covenant University — B.Eng., Electrical & Electronics Engineering

PROFESSIONAL CERTIFICATION AND QUALIFICATIONS

Microsoft — Certified Power Platform Consultant

Microsoft — Fabric Analytics Engineer

Datacamp — Data Engineer

Udemy — Business Intelligence Analyst;

Technical University — Digitalization of Intelligent & Integrated Energy Systems

Engineering Institute of Technology — Big Data Analytics in Electricity Grid (EIT);

Renewable Academy — Solar PV Professional

FSR European University Institute — European Electricity Market and Power Sector Regulation

LANGUAGES

English (Native); German (B2);