OLUWAFEYIKEMI AKANDE

LAGOS, NIGERIA   +2347047600059 Feyikemiakande@gmail.com

PROFILE

Mechanical Engineering graduate transitioning into Data Analytics, with hands-on experience working with technical and operational data. Proficient in SQL, Python, Excel, and Power BI, and skilled in transforming raw data into meaningful insights. I approach data problems with an engineering mindset breaking them down systematically, identifying root causes, and building practical solutions. Highly analytical, detail-oriented, and eager to contribute to data driven decision making.

TECHNICAL SKILLS

Data Analysis & Visualisation
- SQL • Python (Pandas, NumPy) • Power BI (dashboards and reports) • Excel (pivot tables and charts)

Engineering & Technical Tools
- ANSYS (FEA, CFD) • AutoCAD • SolidWorks • MATLAB • Microsoft Project

Core Technical Skills
- Data Analysis • Technical Reporting • Document Control • Problem Solving

PROFESSIONAL EXPERIENCE

Engineering Intern | Inclined Tech, Lagos | March 2025 – Present
- Supported HVAC Installation projects by verifying compliance with engineering drawings and specifications.
- Assisted with spatial layout planning and basic design coordination for residential projects
- Managed project document control, including over 50+ technical drawings, specifications, material submittals, and progress reports, ensuring version control and traceability
- Proofread technical documents and design reports to ensure accuracy and professionalism.

ADDITIONAL EXPERIENCE

Student Representative | University of Sheffield | Oct 2023 – July 2024
- Gathered and communicated academic feedback between over a 100+ students
- Collected, organised, and analysed academic feedback using Microsoft Excel, ensuring accurate documentation and version control
- Structured and transmitted feedback through Excel based reports, enabling clear communication between students, course representatives, and teaching staff.

PROJECTS

London Overground Climate Resilience
- Collaborated with a team to make the London overground transport infrastructure more climate resilient. This focused on making the overground more flood resilient, ensuring carriage cooling, water management, and other key aspects.
- Analysed climate and operational data using Excel (data cleaning, Pivot Tables, charts) to support flood resilience and cooling design decisions
- Created data tables and charts in Excel to compare design options, assess system performance, and support decision making
- Led the development of a proposed sustainable auxiliary power for the overground train, through solar panels, involving extensive technical calculations and planning, while also contributing to project management and costing efforts

Engineering You're Hired (EYH)

- Collaborated with a team of three to design and develop a comprehensive monitoring system for mountaineers and remote health monitoring for workers. This system covered vital signs such as pulse rate, blood pressure, body temperature, blood oxygen level, respiration rate, and movement, ensuring real time health data tracking and analysis.
- Led the development of the gantt chart for project management helping with timeline planning, costing and meeting of deadlines.

Billionaires Statistics Dataset Analysis

- Analysed a 3,000+ record billionaire dataset using Python to clean, transform, and analyse key fields including net worth, age, country, gender, and industry.
- Applied descriptive statistics, grouping, and aggregation techniques to identify wealth concentration patterns and demographic trends.
- Generated graphs and visualisations in Python to compare distributions and highlight key insights.
- Identified that a small number of countries and industries account for a disproportionate share of billionaire wealth, with most billionaires being self made entrepreneurs, highlighting entrepreneurship driven wealth creation across industries.
- Extended the analysis using Excel (Pivot Tables and charts) to validate findings and summarise results.
- Developed Power BI dashboards to present insights interactively and support data driven decision making.

EDUCATION

- **General engineering BEng (Mechanical) | University of Sheffield | 2020 – 2024**
- **International Foundation Program | Engineering Pathway | Abbey College, Cambridge | 2019–2020**
- **International General Certificate of Secondary Education | Atlantic Hall, Lagos, Nigeria | 2012–2018**

ADDITONAL INFORMATION.

Certifications: The complete AutoCAD 2018-21 course, Autocad 2023 Essential Training, Excel: Advanced Formuals and Functions, Excel Essential Training (Microsoft 365), Excel for Engineering Professionals, Excel Formulas and Functions Quick Tips