

FELIX IDOWU

Data Analyst and developer

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PROFESSIONAL SUMMARY

Results-driven Data Analyst with 2 years of practical experience gained through internships, real-world data projects, and academic research. Proficient in data cleaning, data wrangling, web scraping, and exploratory data analysis (EDA) using Python (Pandas, NumPy, and other libraries) and SQL. Experienced in designing interactive dashboards and data visualizations using Power BI and Matplotlib to support data-driven decision-making. Skilled in statistical analysis, data storytelling, and delivering actionable insights through clear and concise reports. Passionate about leveraging data to identify trends, optimize business processes, and drive problem-solving initiatives.

SKILLS

Technical Skills

- Programming : Python (Pandas, NumPy, Matplotlib, Seaborn, Plotly), SQL (Joins, Window Functions, CTEs), Git/GitHub
- Data Manipulation & Analysis: Data Cleaning, Wrangling, EDA, Excel, Google Sheets
- Data Visualization & BI: Power BI (ETL, Data Modeling, DAX, Visualization), Streamlit, Jupyter Notebooks
- Web & API Handling: Web Scraping (BeautifulSoup, Selenium, Requests), APIs, JSON/CSV/XML Parsing
- Workflow & Automation: Data Pipelines, Version Control, Python Task Automation

Statistics & Analytical Techniques

- Statistics: Descriptive & Inferential Statistics, Regression (Linear, Logistic), Hypothesis Testing, A/B Testing, Probability Distributions, Confidence Intervals

Soft Skills

- Problem-Solving, Critical Thinking, Data Storytelling, Attention to Detail
- Communication, Collaboration, Pattern Recognition, Stakeholder Management
- Time Management, Adaptability, Business Acumen, Decision-Making
- Analytical Thinking, Active Listening, Strategic Thinking, Interpersonal Skills
- Project Management, Prioritization, Presentation Skills, Continuous Learning

WORK EXPERIENCE

Student Data Analyst – University-Based Analytics Projects [February 2023 - July 2024]:

Self-Initiated | Collaboration with Student Teams

- Conducted in-depth analysis on university datasets (course feedback, enrollment trends), identifying key insights that led to a 15% improvement in course satisfaction ratings.
- Collaborated with interdisciplinary teams on data-driven projects, driving 3+ process improvements that enhanced departmental efficiency.
- Designed and deployed interactive dashboards using Power BI and Google Sheets, enabling decision-makers to access academic performance metrics 30% faster.
- Utilized SQL and Python (Pandas, Matplotlib) to clean, transform, and analyze datasets exceeding 50,000 records, streamlining data workflows across multiple projects.
- Presented findings through visual reports and presentations, influencing 2 key strategic decisions at the faculty level.

Data Science Intern at CodSoft [September 2024 - November 2024]:

- Performed Exploratory Data Analysis (EDA) using Python and Pandas to identify trends, patterns, and outliers in large datasets.
- Applied data preprocessing techniques to clean, transform, and structure data, improving data quality for downstream analysis.
- Developed machine learning models with Scikit-learn, enhancing predictive accuracy for classification and regression tasks.
- Developed data visualizations with Matplotlib and Seaborn to support data-driven decision-making and communicate findings clearly.

Data Analyst [April 2025 - May 2025]:

Codveda

- Participated in a hands-on learning program focused on applied data analysis using Python and Excel.
- Collected, cleaned, and analyzed datasets from mini-projects simulating real-world challenges.
- Utilized Python and Matplotlib for data visualization, creating insightful reports and dashboards.
- Collaborated with peers and mentors to work on data-driven solutions, strengthening technical skills and teamwork.

MAJOR PROJECTS

Sales Performance Analysis

[Github](#)

- Analyzed sales data using Google Sheets and Python to identify trends, assess performance, and provide actionable insights that contributed to refining strategies and driving business growth.
- Leveraged Figma and Power BI to design and deliver a comprehensive dashboard, effectively communicating key insights and enabling data-driven decision-making for stakeholders.

Employee Attrition Analysis

[Meduim Article](#)

- Analysed HR dataset to identify key factors that cause Employee Attrition in the Organization
- Demonstrated expertise in data cleaning, exploratory data analysis (EDA), visualization, and reporting using Google Sheets and Python
- Delivered actionable recommendations aligned with analysis outcomes

Customer Financial Profile Analysis [Volunteering Project]

[Github](#)

- Volunteered to analyse customer financial profiles and card details to identify spending patterns and risk factors.
- Used Python to clean, process, and extract insights from financial data.

Healthcare Patient Analytics Using SQL

[Github](#)

- Analysed patient data to uncover patterns in medical conditions, treatment costs, and patient demographics
- Used Postgresql to clean, process, and extract insights from health care data.

EDUCATION

Bachelor of Science in Electronics and Computer Engineering [Nov 2022- Ongoing]:

Lagos State University, Nigeria

- Specialization in Electronics, hardware and Software Engineering
- 5 years Course in an accredited University in Nigeria with Expected graduation 2027

CERTIFICATIONS

Google Data Analytics Professional Certification - Google

[Credential](#)

- Developed proficiency in data cleaning, SQL, data visualization, and data analysis for creating actionable insights.
- Harnessed hands-on experience in data wrangling, preparing datasets for analysis, and applying basic statistics for business decision-making.

Meta Data Analytics Professional Certification - Meta

[Credential](#)

- Acquired expertise in Exploratory Data Analysis (EDA), data cleaning, visualization, and SQL.
- Obtained practical knowledge of using Python and Tableau to analyze datasets and inform data-driven decision-making across various business sectors.

Google Business Intelligence Certification - Google

[Credential](#)

- Trained in data structuring, dashboard design, and utilizing Power BI for interactive visualizations.
- Built an understanding of leveraging business intelligence tools to support strategic decision-making and improve operational efficiency.

Data Science Internship Certification - CodSoft

[Credential](#)

- Earned a certificate after completing a data science internship at CodSoft.
- Amassed hands-on experience in data analysis, machine learning, and data visualization. Contributed to real-world projects, applying technical skills to drive data-driven insights and decisions.