DAVID LOUIS
Data Analyst

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PROFESSIONAL SUMMARY

Data Analyst with hands-on experience using **SQL, Python (pandas), and Power BI** to clean and transform large datasets, automate reporting workflows, and build dashboards for business stakeholders. Strong foundation in **ETL, data visualization, KPI reporting, and database fundamentals**, with project experience in predictive analytics (logistic regression). Master's student in Data Science & Analytics at Florida Atlantic University.

TECHNICAL SKILLS

SQL & Databases: SQL; MySQL, PostgreSQL, SQL Server
Analytics & Programming: Python (pandas, NumPy), Jupyter Notebook; data cleaning, EDA, reporting automation
BI & Visualization: Power BI (Power Query), Tableau, Matplotlib; dashboarding, KPI tracking
Tools: Excel, Git

PROFESSIONAL EXPERIENCE

Paon Bleu S.A — Back-End Developer
Mar 2022 – May 2023

- Developed and optimized databases for transactional systems, ensuring faster query performance.
- Automated monthly reporting using Python, reducing manual workload by 15+ hours per month.
- Optimized several Web applications.

Digicel Group (Telecommunications) — Data Analyst Intern, Business Department
Jan 2022 – Mar 2022

- Cleaned, transformed, and standardized B2B sales datasets exported from **three separate systems** using **Python (pandas) in Jupyter Notebook**; each dataset sample contained **50,000+ rows**.
- Merged customer records across sources to create a **single global view**, improving cross-product visibility (business internet, phone lines, fiber optic, government division services).
- Built reusable **Python ETL scripts** that reduced a manual reporting cycle (taking **weeks to ~1 month**) into a workflow that could be refreshed **daily** by rerunning scripts.
- Developed a **Power BI dashboard** to deliver dynamic sales reporting and KPI monitoring for business stakeholders.

PROJECTS

Customer Churn Prediction — Python

- Built a churn prediction model using **Logistic Regression**; performed data cleaning, EDA, and feature engineering to produce actionable insights.

Sales Dashboard — Power BI

- Developed an interactive **Power BI dashboard** to track performance metrics and support business decision-making.

EDUCATION

Florida Atlantic University (FAU) — M.S. Data Science & Analytics | Jan 2025 – Present
École Supérieure Infotronique Haïti — B.S. Computer Science | 2017 – 2021

TRAINING & CERTIFICATIONS

CompTIA Data+ — In progress (Summer 2026)
Ayiti Analytics — Data Analytics Bootcamp Participant | May 2021 – Sep 2021

ADDITIONAL EXPERIENCE

Uber Technologies (Independent Contractor, Part-time) | Total Package Logistics (Delivery Associate) | Publix (Deli Associate)