

PRECIOUS AMIEKUMO

Python Developer | AI & Process Automation | ERP Systems | Data Engineering

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PROFESSIONAL SUMMARY

Python developer and data engineer with a strong analytics foundation and hands-on experience building AI-driven automation workflows and fully functional ERP systems. Proficient in Python (Pandas, NumPy, Matplotlib, BeautifulSoup, Requests), SQL (SQL Server, MySQL, BigQuery), Power BI, and Excel. Developed a complete ERP system covering procurement, inventory, HR/payroll, financial reporting, and sales workflow automation — built to digitise operations for businesses moving from manual processes. Biochemistry background provides domain expertise for healthcare and scientific data environments. Available immediately.

TECHNICAL SKILLS

Python	Pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup, Requests, OS, JSON, datetime
ERP Development	Full business workflow automation: procurement, inventory, HR, payroll, finance, sales modules
AI & Automation	AI-driven workflow pipelines, automated report generation, process automation, trigger-based systems
Data Engineering	SQL Server, MySQL, BigQuery — ETL pipelines, data cleaning, database design and management
Visualisation	Power BI, Tableau, Excel (Advanced), Looker — executive dashboards and KPI reporting
Web Scraping	BeautifulSoup, Requests — automated data extraction and structured data collection
Analytics	Predictive analytics, statistical modelling, correlation analysis, exploratory data analysis (EDA)

KEY PROJECTS

Python ERP System — Full Business Workflow

Python | github.com/PereTheDataAnalyst

- Developed ERP system covering procurement, inventory, HR/payroll, finance, and sales automation
- Built to digitise end-to-end operations for SMEs transitioning from manual business processes

Jumia E-Commerce Web Scraper

Python — BeautifulSoup, Requests | github.com/PereTheDataAnalyst

- Automated live product price extraction from Jumia for competitive price intelligence

Movie Revenue Correlation Analysis

Python — Pandas, NumPy, Matplotlib | github.com/PereTheDataAnalyst

- Identified budget and production company as strongest revenue predictors through correlation analysis

COVID-19 Global Data Exploration

SQL Server | rb.gy/aluere

- Explored global dataset using JOINS, CTEs, Temp Tables, Window Functions, and Aggregate Functions
- Identified 90% of case severity concentrated in major nations vs minimal impact in smaller countries

Nashville Housing Data Cleaning

SQL Server | github.com/PereTheDataAnalyst

- Standardised formats, resolved nulls, removed duplicates, and split columns in raw housing data

Sales Performance Dashboard

Microsoft Power BI | shorturl.at/Fj11r

- Analysed \$2.3M revenue and \$286.4K profit across multiple regions for executive decision support
- Identified 46.9% year-over-year sales growth and 12.5% profit margin

CRM Sales Performance Dashboard

Microsoft Excel | shorturl.at/Rrw7O

- Analysed 8,800 sales opportunities across a \$10M revenue pipeline
- Automated reporting workflows and tracked win rates, client activity, and sector performance

WORK EXPERIENCE

Laboratory Assistant

June 2025 – Present

Hensard University Hospital | Toru-Orua, Bayelsa State

- Support laboratory scientists in sample preparation, labelling, and diagnostic testing workflows
- Maintain accurate laboratory records and ensure SOP compliance within a live healthcare environment
- Track laboratory KPIs including sample turnaround time, completion rates, and test performance metrics
- Ensure equipment cleanliness, safety standards, and correct sample handling procedures at all times

Junior Data Analyst

June 2022 – May 2025

Pax Corporation | Remote

- Analysed operational datasets using Excel (Advanced), Power BI, SQL, and Python (Pandas, NumPy, Matplotlib)
- Built interactive dashboards and automated KPI reports, reducing manual reporting effort by ~40%
- Maintained database integrity through rigorous data validation and cleaning, achieving 95% monthly accuracy
- Delivered actionable insights through statistical analysis and data visualisation for senior management
- Managed CRM data and supported tender tracking, business development, and performance monitoring

Operations Manager

November 2020 – May 2022

Octa Consult | Rivers State, Nigeria

- Oversaw daily operations with a 90% success rate across scheduling, production, and resource allocation
- Implemented quality control measures achieving 70%+ compliance with established standards
- Managed client relationships delivering 100% customer satisfaction across all accounts

EDUCATION

Bachelor of Science in Biochemistry — Second Class Upper (2:1)

January 2016

Niger Delta University, Wilberforce Island, Nigeria

CERTIFICATIONS

Google Data Analytics Professional Certificate

Google / Coursera | 2022

Data Analytics Bootcamp

Professional Development | 2022

Effective Problem Solving and Decision Making

Professional Certification | 2023

Communication in the 21st Century Workplace

Professional Certification | 2023

Available Immediately | Open to Remote, Hybrid & On-site Technology Roles