

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

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|------------------|--|
| 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