James Mensah

Analytics Engineer / Data analyst

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Profiles   🖼 James Mensah

Experience

Peepalytics AI .inc   **August 2024 - July 2025**
Analytics Engineer   New York (Remote - Contract)

1. Cleaned and processed complex datasets using Python (Pandas) to ensure data quality and usability.

2. Developed dashboards for new projects, enabling cross-departmental collaboration and data visualization.

3. Collaborated with backend teams to automate analytics pipelines tailored to diverse customer requirements.

4. Contributed to analytics documentation, defining metrics, logic workflows, and related processes.

5. Generated synthetic datasets for testing to ensure customer data privacy and security.

Education

Lagos State University   **January 2018 - August 2022**
Zoology   BSC

ALX Africa   **April 2024 - December 2024**
Data Analytics   Certificate

Projects

Attrition Analysis Model
SQL + Pandas + Streamlit
🔗 https://jamesportfolio.streamlit.app/Dashboard

- An end to end analytics model for employee Attrition using SQL and Pandas that enables Hr monitor headcount changes, attrition rate and others.

- Used Streamlit dashboard to exploration of the model.

- Interactive dashboard that allows exploration and direct use for SQL query.

Loan Approval analysis
Analyze a real-world loan application dataset to uncover approval patterns and credit risk insights.
🔗 https://jamesportfolio.streamlit.app/Loan_Approval_Analysis

- Interactive dashboard built with pandas and plotly

- This dashboard uses pandas and Plotly to clean, explore, and visualize financial decision data.

Skills

Data cleaning, ETL Automation, Dashboarding, SQL Analysis, Web scraping

Tools

Pandas, NumPy, MySQL, PostgreSQL, BeautifulSoup, Scrapy, Streamlit, Power BI