Salomi Airy *Aspiring Data Scientist*

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SKILLS

- Python (Pandas, NumPy, Scikit-learn, MatPlotLib, Seaborn)
- Microsoft Power BI (DAX, data modeling, interactive visualizations)
- SQL (MySQL, SQL Server, PostgreSQL)
- Excel (VLookup, Conditional Formatting, Pivot Tables)

PROJECTS

LoanDash -> Tools: Power BI , SQL Server, *(Personal Project)* 🔗
- Developed an interactive Bank Loan Analysis Dashboard in Power BI, integrating advanced DAX measures and dynamic filters, enabling comprehensive tracking of loan applications, funded amounts, repayments, and portfolio risk metrics across multiple dimensions (state, loan purpose, grade).
- Performed SQL-based data extraction, cleaning, and aggregation on raw loan datasets to ensure accuracy and consistency of KPIs, supporting reliable visualization and detailed drill-down analysis of borrower profiles, loan performance, and repayment trends.

VendorLite -> Tools: Python, SQL Server, Power BI, *(Personal Project)* 🔗
- Engineered an end-to-end vendor analytics pipeline in SQL Server and Python to merge multi-table data (purchases, sales, freight), cleaned and transformed 100K+ records, and created advanced KPIs (gross profit, margin, turnover, sales–purchase ratio, unsold inventory value).
- Applied statistical and exploratory analysis (correlation study, outlier detection, confidence intervals, hypothesis testing, segmentation of brands/vendors) to uncover inefficiencies in pricing, freight logistics, and inventory flow, and designed a Power BI dashboard to visualize findings.

Sentiview -> Tools: Python, Streamlit, Scikit-learn, *(Personal Project)* 🔗
- Developed a Customer Feedback Analysis Dashboard using Streamlit that allows users to upload CSV files of reviews, and performs automated text cleaning, classifies sentiment (Positive/Neutral/Negative) using a TF-IDF + Logistic Regression pipeline, and extracts key themes via K-Means clustering.
- Implemented interactive visualizations including sentiment pie charts, topic keyword bars, word clouds, and an interactive feedback table to provide actionable insights from customer reviews.

PROFESSIONAL EXPERIENCE

LQ Digital, *AI Intern* 🔗   06/2025 – 08/2025
- Scraped and structured dynamic website content using **BeautifulSoup** and **Python**, storing data in **PostgreSQL** to build a high-quality knowledge base for a **LangGraph-powered conversational agent**.
- Processed interaction logs with **Pandas/NumPy**, applied statistical and clustering methods to detect query patterns, and visualized metrics with **Matplotlib/Seaborn**, enabling fine-tuning that **improved response accuracy by 15%**.

CERTIFICATES

- Data Science & Machine Learning Using Python — Evolve IT Hub Nepal (75 hrs)

EDUCATION

Kathford International College of Engineering and Management | Tribhuvan University,
Bachelor of Science in Computer Science & Information Technology