

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

Bank Loan Analysis Power BI Dashboard, Tools: *Power BI , SQL SERVER*

- 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.

Vendor Performance Analysis, Tools: *Python, SQL SERVER, POWER BI*

- 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.

Customer Feedback Analysis, Tools: *Python, Streamlit, Scikit-learn*

- 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, cleaned, and structured dynamic website content to provide accurate context for a custom AI conversational agent, ensuring high-quality data for training and real-time responses.
- Analyzed user-agent interactions, extracting insights from user questions, reviews, and feedback to identify common queries, evaluate agent performance, and support data-driven reporting and documentation.

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