

Summary

Business intelligence professional with experience developing dashboards, automating reporting workflows, and delivering executive-level analytics across insurance operations. Built 20+ Power BI dashboards, developed financial projections presented to executive leadership, and supported data-driven decision making across underwriting and operations.

Skills

Python • SQL • Power BI • DAX • Power Query • Excel • Salesforce • Power Automate • GitHub • Data Modeling • ETL • Data Visualization

Work and Leadership

Employers' Protective Insurance Company (EPIC) Honolulu, HI

Jr. Data Steward

June 2025 – Present

- Developed and maintained 20+ Power BI dashboards supporting approximately 20 stakeholders across EPIC, HIMI, and agency operations.
- Built automated reporting workflows integrating policy, billing, claims, and agency datasets containing hundreds of thousands of records.
- Designed automated calendar-year written premium reporting logic, eliminating manual calculations and improving reporting consistency.
- Developed 2026 financial projections and presented analytical findings directly to executive leadership, including the COO.
- Partnered with underwriting and operational teams to define, monitor, and improve key business performance metrics.

Processing Administrator

August 2024 – June 2025

- Automated annual reporting and audit workflows using Salesforce reporting, Power Query, and Excel-based solutions.
- Reduced processing effort by more than 50% through process automation and reporting improvements.
- Built reporting mechanisms to monitor billing, policy, and claims data integrity across multiple business units.
- Designed controls for identifying and tracking significant billing discrepancies, improving operational accuracy.

Projects

Computational Modeling & Machine Learning

- Developed numerical simulations in Python and MATLAB to model complex physical systems and analyze large datasets.
- Applied LSTM neural networks for time-series forecasting and performed statistical validation of model performance.

Apollo 13 Trajectory Simulation

- Modeled Earth–Moon–spacecraft motion using RK4 numerical integration and gravitational force calculations in Python.
- Analyzed numerical error, energy conservation, and trajectory behavior under different timestep conditions.

Education

University of Hawai'i at Mānoa Mānoa, HI

Bachelor of Science in Physics

Aug 2021 – May 2025