

LUIS SANCHEZ

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EXPERIENCE

Genpro Inc. Rutherford, NJ (hybrid)
Data Manager 01/2025 – Present

- **ML Data Platform:** Lead third-party development team building internal pricing platform with React frontend, Python ML models (scikit-learn, XGBoost), and Google BigQuery backend for real-time pricing analytics across the freight brokerage business.
- **Data Governance:** Established enterprise data governance framework and integration strategy with BigQuery as central warehouse, standardizing schemas, lineage, and access patterns across departments.
- **Executive Analytics:** Partner with department heads to deliver KPI-driven insights powering board-level strategic decisions.

United States Cold Storage Camden, NJ (hybrid)
Supervisor, Automation & Logistics Analytics 02/2024 – 12/2024

- **Full-Stack Analytics Platform:** Architected and shipped React + Google Kubernetes Engine analytics platform processing \$150M+ in operational data, deployed to enterprise customer accounts.
- **Production ML:** Built pricing optimization system (Python, scikit-learn) on customer transaction patterns, generating \$4.8M in validated cost savings.
- **Team Leadership:** Led an 11-person team across automation, analytics, and engineering deploying production ML, automation, and analytics systems for pricing, forecasting, and operational decision-making.
- **Evaluation Framework:** Designed and shipped regression + causal inference framework to quantify ML model impact across heterogeneous customer scenarios. Adopted as the standardized methodology for validating savings claims to enterprise accounts.

United States Cold Storage Camden, NJ
Automation Specialist 08/2022 – 02/2024

- **Automation Portfolio:** Delivered \$9.3M in ML-driven savings and 12,500+ labor hours saved annually via UiPath, Power Platform, and custom Python automation across 26 operational sites, plus a 20% reduction in support tickets via team enablement.

United States Cold Storage Camden, NJ → Chicago, IL
Systems Analyst (2022) • Logistics Analyst (2021) 06/2021 – 08/2022

- **Early Career Foundation:** Designed REST API + XML processing pipelines for automated billing, delivering \$2.1M in Python automation savings via Selenium. Built Python/SQL logistics reporting and ETL pipelines with data quality checks, producing 40% query execution improvement.

STARTUP EXPERIENCE

Mutuell Remote
Cofounder, Technical Lead | Freight rate intelligence SaaS 2023 – 2025

- **Distributed Data Infrastructure:** Architected unified rate-data API across major freight broker platforms via reverse-engineered web sessions. Normalized heterogeneous schemas into a common warehouse model.
- **Cloud-Native Production Systems:** Built containerized data extraction fleet on Google Cloud Run with session orchestration, rate limiting, reliability monitoring, and normalized schema mapping across heterogeneous freight broker platforms.
- **Two-Tier Data Architecture:** Designed Cloud SQL (Postgres) + cache persistence layer for sub-second rate lookups. Sunset operations after 2-year cycle.

EDUCATION

Rutgers, The State University of New Jersey, Newark, NJ
BS, Supply Chain Management • Summa Cum Laude

SKILLS

Languages: Python, SQL, JavaScript/TypeScript • **Backend:** FastAPI, Flask, REST APIs, OAuth2 • **Frontend:** React
Data Infrastructure: BigQuery, Snowflake, Cloud SQL (Postgres), ETL pipelines, data warehouse architecture, schema design, data quality + lineage
ML / AI: scikit-learn, XGBoost, PyTorch, TensorFlow, Claude / LLM integration, causal inference, time-series forecasting, A/B testing + experimentation
Cloud / DevOps: Google Cloud Run, GKE, Cloud SQL, Kubernetes, Docker, GitHub Actions CI/CD, Azure • **BI:** Tableau, Power BI