Gabriel Longarai

Senior Data Engineer · Data, AI & Automation Consultant · Snowflake · dbt · Python — SnowPro Associate: Platform certified

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SUMMARY

Data engineer with **15+ years in Data Warehousing, ETL and BI**, **5+ years running production workloads on Snowflake** and **10+ years of PL/SQL and Oracle**. Currently a Senior Data Engineer in pharmacy retail, working with tables of up to **41 billion rows**. Builds Snowflake + dbt + Airflow data platforms, integrations with **14+ ERPs and marketplaces**, **AI agents** on top of company data, predictive machine learning and process automation. **SnowPro Associate: Platform** certified. Full development lifecycle (requirements, development, validation, deployment and documentation), works independently and manages own time. English: written only (reading and writing; no spoken conversation).

15+ years	41 billion	144	161 million	11s → 3ms
in Data Warehousing, ETL and BI	rows in the largest production table (388 GB)	Dynamic Tables in production	rows migrated across Snowflake accounts in ~4h, hash-validated	pricing query optimized

CORE SKILLS

- **Snowflake:** Snowpipe, COPY INTO, stages and storage integrations; Dynamic Tables, Streams & Tasks, stored procedures, MERGE, SCD Type 2; clustering, warehouse sizing and cost reduction; RBAC, Data Sharing, Time Travel.
- **ETL & corporate Data Warehouse: IBM DataStage** (logistics and IT consulting), Pentaho, SSIS, dbt and Airflow; dimensional modeling (star schema), incremental loads, source-to-DW reconciliation.
- **PL/SQL & Oracle:** procedures, functions, packages and high-volume queries on Oracle (industry, pharmacy retail and healthcare), plus Oracle/SAP as data sources in pharmacy retail.
- **AI & automation:** AI agents on top of the data warehouse (Snowflake Cortex Analyst, Semantic Views), predictive machine learning (lead scoring over 5.9 million companies, AUC-ROC 0.8968; Mercado Livre ranking models, ROC-AUC 0.84–0.90), process automation with n8n and Python, Claude Code and MCP.
- **SDLC & IT controls:** Git version control and CI/CD, environment separation, phase-by-phase deployment runbooks, before/after validation with hashes and row counts, role-based access control (RBAC, least privilege), auditing and technical documentation.
- **Production support:** load monitoring, failure investigation, incident recovery (8.5 million rows restored) and data lineage for impact analysis before changes.
- **Mentoring:** trained trainees and ran SQL technical assessments; technical review and feedback on data deliverables.

COMPLEMENTARY SKILLS

- **Advanced SQL:** Snowflake SQL, PL/SQL, T-SQL, PostgreSQL.
- **Python:** pandas, asyncio/aiohttp; load automation and comparative audits.
- **API integrations:** REST with OAuth2, HMAC and AWS SigV4 (14+ ERPs and marketplaces).
- **BI:** Power BI (advanced DAX), OBIEE, Cognos, QlikView, SAS.
- **Cloud & streaming:** Google Cloud (Storage, Pub/Sub), AWS S3/RDS, Apache Kafka.
- **Languages:** Portuguese (native); English (written only — reading and writing, no spoken conversation).

PROFESSIONAL EXPERIENCE

Pharmacy retail — Senior Data Engineer

May/2025 – present

- Legacy BI migration **QlikView → Snowflake**: reverse-engineered 17 dashboards (98 tables, 1,229 metrics and 148 business rules) into Snowflake + dbt, with automated comparative audits validating the numbers before the legacy shutdown.
- End-to-end inventory pipeline: **Kafka** events → synthetic stock → turnover over 30 to 180-day windows → daily position by store and product, with SCD Type 2 deduplication.
- Modeling, transformation and orchestration with **dbt + Airflow** on Snowflake, sourcing from **Oracle/SAP**.

Real-estate credit fintech — Data Engineer

Mar/2021 – May/2025

- **Built the Snowflake platform from scratch**, migrating from PostgreSQL/RDS and ingesting **30+ sources** (Pentaho, Python, S3).

» Star-schema Data Warehouse; **183 transformations and 37 ETL jobs** in production; 150 reports and 108 Power BI dashboards for the business areas.

» Governance of 39 BI workspaces; **trained trainees** and ran SQL technical assessments.

Hospital management software — Data / BI Analyst Mar/2019 – Mar/2021

» Hospital Data Warehouse, ETL processes, Power BI/DAX and predictive analysis of patient readmission.

Logistics (global delivery company) — Data Analyst Jun/2018 – Mar/2019

» Development of ETL jobs in **IBM DataStage** for **a global logistics company's corporate Data Warehouse**.

Industry and non-profit sector — Data Analyst Sep/2016 – Jun/2018

» Development in **PL/SQL on Oracle**, OBIEE reports and Power BI dashboards.

Earlier experience — Data Analyst / Developer 2011 – 2016

» IT consultancies, pharmacy retail, telecom and healthcare: SSIS, Cognos, SAS, **Oracle**, SQL Server, **DataStage** and C#/.NET.

CERTIFICATIONS

SnowPro Associate: Platform — Snowflake · May/2026 · valid through May/2028 · ID S149902-260501-SOL · verify: achieve.snowflake.com/f79785ac-573c-4d06-ba1a-663c7ee4ebbd

Introduction to Generative AI with Snowflake — Snowflake / Coursera · Feb/2026

Python for Data Science and AI — IBM / Coursera · Jun/2020

EDUCATION

Technologist in Artificial Intelligence — UniRitter · in progress

Information Technology Management — Universidade Estácio de Sá · 2022

Systems Analysis and Development — SENAC RS · 2021