

Resume — Eliseu Ogliari Daniel

Senior Data Engineer | Databricks • Spark • Python • SQL | DataOps & BI

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Professional Summary

Senior Data Engineer specialized in **Lakehouse architectures (Databricks/Delta)**, **PySpark**, and **Python**, with a proven track record in designing and optimizing pipelines processing **~1.5 TB/month**, achieving **–90%** in processing time and **–50%** in costs. Over several years, I have played a central role in **planning, architecting, and executing the company's end-to-end data strategy**, covering the entire lifecycle: ingestion → **OLTP→OLAP (star schema)** modeling → governance (**LGPD/RLS**) → **DataOps/CI-CD** → BI solutions (**Power BI**) and **ML**. Direct impact: reporting platform serving **40K+ users** and automations saving **40+ hours/month**. This multi-year contribution resulted in the **consolidation of a governed, scalable, and business-driven data ecosystem**.

Core Competencies

- **Big Data & Cloud:** Azure Databricks, Apache Spark, Delta Lake, Lakehouse/Medallion.
 - **Languages:** Python (advanced), SQL (advanced), Scala.
 - **Databases:** PostgreSQL, MySQL, SQL Server.
 - **BI & Visualization:** Power BI (M/Power Query, DAX, RLS).
 - **DataOps & Governance:** data quality testing, version control (Git), CI/CD, security & cataloging; **LGPD by design**.
 - **Extras:** Docker/Containers, Orchestration (Databricks Jobs), Telegram Bot/API (observability), FFmpeg (HLS), GenAI (Genkit + Gemini, RAG).
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Professional Experience

Senior Data Engineer – União Sul Brasileira da IASD

Curitiba, Brazil • Apr 2022 – Present

Context: Continuous modernization of the data ecosystem, evolving from OLTP to large-scale analytics; integration across departments and service to external stakeholders.

- **Architecture & Performance:** ongoing redesign of **15+ Databricks/PySpark pipelines**, processing **~1.5 TB/month**, achieving **–90%** in processing time and **–50%** in cost.
- **Automation & Quality:** developed **20+ Python routines** (ETL/reporting), saving **40+ hours/month** and implementing automated data quality checks.
- **Governance & Access:** deployed an Azure Lakehouse environment with security/high availability for **400+ internal users** and a reporting platform for **40K+ external users**.
- **Business-Driven ML:** built a **Gradient Boosting/XGBoost** model with a 6-month prediction window and **~90% accuracy**, using SHAP for explainability, supporting retention and prioritization.
- **Leadership & Alignment:** led requirements definition and the roadmap for a corporate system with **300+ KPIs**, acting as the bridge between IT and business to ensure early delivery.

Key Achievements:

- **OLTP → Lakehouse → Daily BI:** reduced latency from monthly to daily; **100M+ rows/day**; single, orchestrated pipeline (idempotency, data tests, CI/CD).
- **System Integration (Master Data):** record linkage with fuzzy matching + human review → single source of truth for individuals.
- **Governed Data for External Users:** Databricks → MySQL transactional with anonymization/RLS serving **~40K users** with secure login.
- **Bots & Automations:** authenticated scraping (**1,400× granularity**), Python ETL replacing Power Query bottlenecks (**4× faster**), Databricks API extraction → SQL Server for mobile app (**400 days uptime** with Telegram monitoring).

Stack: Databricks/Delta/PySpark, Python, SQL, Power BI (M/DAX/RLS), Docker, Git/GitFlow, CI/CD.

Education

- **MBA** – Data Science & Analytics – USP/Esalq (2024–2025)
- **B.Sc.** – Data Science – Univ. do Vale do Itajaí (2021–2023)
- **B.Eng.** – Control and Automation Engineering – UFSC (2005–2007)
- **Technologist** – Data Processing – FAP (2001–2003)

Languages

- Portuguese: native / English: advanced