

## 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 track record of building and optimizing pipelines processing ~1.5 TB/month, achieving -90% in processing time and -50% in costs. End-to-end expertise: ingestion → OLTP→OLAP modeling (star schema) → governance (LGPD/RLS) → DataOps/CI-CD → analytical products (Power BI) and ML. Direct impact: reporting platform serving 40k+ users and automations saving 40+ hours/month.

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### 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: quality testing, version control (Git), CI/CD, security & catalog; 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/PR • Apr/2022 – Present**

**Context:** Modernization of the data ecosystem, from OLTP to large-scale analytics; cross-department integration and service to external audiences.

- **Architecture & Performance:** Redesigned 15+ pipelines in Databricks/PySpark, processing ~1.5 TB/month, with -90% processing time and -50% cost.
- **Automation & Quality:** 20+ Python routines (ETL/reporting), saving 40+ hours/month, plus automated quality testing.
- **Governance & Access:** Azure Lakehouse environment with security/high availability for 400+ internal users, and reporting platform serving 40k+ users.
- **Business-Oriented ML:** Gradient Boosting/XGBoost model for 6-month window predictions with ~90% accuracy (SHAP for interpretation) supporting retention and

prioritization.

- **Leadership & Alignment:** Led requirements definition and roadmap for a corporate system (300+ KPIs), acting as liaison between IT and business, delivering the project ahead of schedule.

**Notable Achievements (selection):**

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

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

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**Education**

- MBA, Data Science & Analytics – USP/Esalq (2024–2025).
- Bachelor's, Data Science – University of Vale do Itajaí (2021–2023).
- Control & Automation Engineering – UFSC (2005–2007); Associate Degree, Data Processing – FAP (2001–2003).

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**Languages**

- Portuguese: Native • English: Advanced