Giovanni Mathias Schneider Müller

Curitiba, Brazil

Financial Data Analyst | Python • SQL • ETL • Business Intelligence

Email: giovanni.mathias@outlook.com | LinkedIn: https://www.linkedin.com/in/giovanni-müller/ | GitHub: https://github.com/GSMuller

PROFESSIONAL SUMMARY

Data Analyst with 3+ years of experience in financial, economic and quantitative data analysis in corporate environments. Strong technical foundation in Python (Pandas, NumPy), SQL (PostgreSQL, Oracle), and ETL pipeline development applied to finance, commodities and corporate performance.

Proven track record building predictive models, automating financial workflows, and developing data-driven solutions for executive decision-making. Specialized in financial KPI monitoring, economic feasibility studies, and BI dashboard development. Strong quantitative background through Economics degree with focus on econometrics and statistical methods.

CORE SKILLS

Technical Skills:

- Python (Pandas, NumPy, Matplotlib) - Data analysis & automation
- SQL (PostgreSQL, Oracle SQL Developer) - Advanced queries & database design
- ETL Pipelines & Data Modeling
- Business Intelligence (Looker Studio, Power BI, Tableau, Grafana)
- Data Visualization & Dashboard Development
- Git/GitHub, APIs, Process Automation
- Advanced Excel (VBA, Power Automate)

Financial & Analytical Skills:

- Financial Data Analysis & KPI Monitoring
- Economic Feasibility Studies (NPV, IRR, Sensitivity Analysis)
- FinOps & Cost Analysis
- Commodities & Market Data Analysis
- Financial Modeling & Scenario Simulation
- Econometric Analysis (academic background)
- SAP Systems

PROJECTS & PORTFOLIO

PostgreSQL Financial Data Management System
GitHub: github.com/GSMuller/controlling_postgreSQL

- Production-grade ETL framework for financial transaction processing with automated validation and rollback capabilities
- Complex PostgreSQL triggers and functions for bonus calculation logic and audit trail automation
- Comprehensive test suite (pytest) with 85%+ code coverage ensuring data integrity
- CLI tools for financial data reconciliation, CSV bulk loading, and error handling
- Technologies: Python, PostgreSQL, Pandas, psycopg2, Pytest

PROFESSIONAL EXPERIENCE

Data Analyst
Grupo Servopa Corporate | 2025 – Present
- Developed financial data pipeline processing 100K+ transactions monthly using Python and PostgreSQL with automated validation achieving 99.5% accuracy
- Built 10+ interactive dashboards in Looker Studio for real-time financial KPI monitoring used by 15+ executives and managers
- Created predictive model for accounts receivable analysis reducing manual review time by 60% and improving collection efficiency
- Automated bonus calculation system using PostgreSQL triggers affecting $500K+ in monthly incentives with complex business rules
- Designed ETL workflows integrating SAP, Excel and internal systems, reducing data processing time by 75%
- Implemented data quality checks catching 50+ critical errors monthly before financial reporting

Economics Studies Analyst
Renault do Brasil S.A | 2024 – Present
- Prepared 12+ monthly financial performance reports for corporate projects totaling R$50M+ in investments
- Conducted economic feasibility studies (NPV, IRR, sensitivity analysis) considering operational changes and regulatory constraints
- Maintained and updated macroeconomic assumptions database covering 20+ variables for project evaluation
- Analyzed financial KPIs identifying 3 major trends that led to strategic adjustments in project portfolio
- Automated 5 recurring dashboards and financial reports using Excel VBA, reducing preparation time by 80%

Junior Data Analyst
Nexus Data | 2022 – 2023
- Developed and maintained 8+ interactive dashboards monitoring 50+ business KPIs across departments
- Executed ETL processes using Python and SQL handling 50K+ records daily with data validation checks
- Prepared 20+ analytical reports monthly to support strategic and operational decisions
- Performed data validation, cleansing and reconciliation ensuring 99%+ data integrity
- Automated 10+ recurring analytical reports reducing processing time from 3 hours to 20 minutes

Finance Assistant

Aker Solutions do Brasil S.A | 2023

- Supported project pricing and economic feasibility analysis for 5+ large-scale engineering projects
- Conducted hedge analysis and foreign exchange risk protection studies for contracts worth $10M+
- Performed financial data reconciliation ensuring accuracy in corporate finance activities

EDUCATION

Bachelor's Degree in Economics
FAE Business School, Curitiba, Brazil | Expected completion: 2026
Relevant Coursework:

- Econometrics & Statistical Methods
- Time Series Analysis
- Corporate Finance & Valuation
- Macroeconomic Analysis
- Quantitative Methods for Economics

Associate Degree in Systems Analysis and Development
Pontifical Catholic University of Paraná (PUCPR) | 2019 – 2022

High School
Swiss Brazilian College of Curitiba | 2009 – 2018

CERTIFICATIONS

- Python for Data Analysis – Asimov Academy (2025)
- Data Analysis and Visualization with Pandas and SQL – Asimov Academy (2024)
- FCE – First Certificate in English – Cambridge English (2019)
- German Language Qualification I – DSD B2 (2019)

LANGUAGES

- Portuguese: Native
- English: Advanced (Professional proficiency)
- German: Advanced
- Spanish: Intermediate

ADDITIONAL INFORMATION

- Advanced professional communication skills in English and German in corporate and analytical contexts
- Currently residing in Brazil
- Final stage of European Union dual citizenship process, with expected completion in the near term
- Open to relocation and international roles