

Rodolfo Gaspary Rodrich

Lima, Peru • rodolfo.gasparyr@gmail.com • (+51) 955 752 229

rodolfo.gaspary.com • linkedin.com/in/rodolfo-gaspary • github.com/RodolfoGaspary

Industrial and Systems Engineer specialising in business intelligence, data governance and architectural data modelling (ERD, DFD, normalisation). Experienced in designing and implementing ETL pipelines, developing advanced SQL logic (stored procedures and triggers) and deploying analytical dashboards in Power BI and Python. I integrate generative AI to optimise queries, reduce redundancy and automate data quality control. Engineering degree accredited by ICACIT with Washington Accord recognition (international equivalence). Bilingual, English C2 Proficient.

PROFESSIONAL EXPERIENCE

NTT DATA Peru S.A.C. — Client: BBVA

QA Coordinator and Data Analyst

Lima, Peru

August 2023 – Present

- **SQL and data validation:** Structured and ran complex SQL queries to validate data integrity across BBVA's corporate reporting.
- **AI-driven automation:** Implemented generative AI tooling to produce test scripts and automated data-cleaning routines, cutting manual execution time by roughly 40%.
- **Quality lifecycle management:** Monitored the software quality lifecycle, coordinating cross-team activities to surface technical blockers before production release.
- **Data governance:** Enforced institutional data quality standards, working with engineering teams to keep pipelines auditable.
- **Analysis and tracking:** Built control models in Excel and Google Sheets (pivot tables and macros) to visualise critical operational metrics.

Grupo Korus S.A.C. — Independent consultancy

Data and Process Consultant

Lima, Peru

January 2022 – Present

- **Data modelling and architecture:** Led the analysis, redesign and deployment of the corporate database behind the GESTKOR maintenance management system, using data flow diagrams, entity-relationship modelling and normalisation.
- **Advanced SQL development:** Programmed the database's internal logic through stored procedures, triggers, analytical functions and indexes, with full integration testing and performance tuning.
- **Data cleansing and governance:** Maintained the ecosystem's critical master tables (materials, activities, incidents, sites and clients), keeping operational traceability intact across retail locations.
- **Executive reporting:** Produced monthly executive reports and consolidated operational statistics supporting senior management decisions.

Abonos Terrasur S.A.C.

Data Analyst

Lima, Peru

May 2022 – July 2023

- **Power BI reporting architecture:** Built and deployed end-to-end automated dashboards, removing daily manual reporting work entirely.
- **Data engineering (ETL):** Ran extraction, transformation and cleaning routines over large volumes of structured data using Power Query and SQL.
- **Data consolidation:** Led the migration of isolated operational databases into a central structure through optimised SQL scripts, improving query performance.
- **KPI design:** Defined performance metrics for business monitoring, enabling proactive identification of operational bottlenecks.

Industrias Gaspary S.A.C.

Data Analyst

Lima, Peru

December 2019 – March 2020

- **Data architecture and governance:** Centralised the data ecosystem across Sales and Accounting, securing availability and accuracy of reported financial information.
- **Predictive inventory modelling:** Developed demand forecasting models through advanced exploratory analysis, improving stock planning.
- **Technology stack integration:** Automated bulk inventory validation and loading with Python and SQL scripts integrated into analytics visualisation platforms.

EDUCATION

Universidad de Piura

Bachelor in Industrial and Systems Engineering

Lima, Peru

December 2021

- **Professional title, Industrial and Systems Engineer:** March 2026, obtained by thesis defence.
- **ICACIT accreditation — Washington Accord:** Programme accredited by ICACIT with Washington Accord recognition, granting international equivalence of the engineering degree among signatory countries. Validation ID 20220701-71220981.

SKILLS AND LANGUAGES

Core data and analytics: Architectural modelling (ERD, DFD, normalisation), programmed logic (stored procedures, triggers, analytical functions, indexes, query tuning), exploratory data analysis, predictive modelling, ETL pipelines and data governance.

Technology stack: Python, SQL (MySQL, SQL Server, BigQuery), Power BI, Tableau, Looker Studio, Power Query, Visual Studio Code, Jupyter Notebook, GitHub, advanced Excel (macros and pivot tables), Google Workspace.

Generative AI and co-pilots: OpenAI API, Codex, Claude Code, GitHub Copilot, Google Antigravity.

Languages: Native Spanish. English C2 Proficient (EF SET, 73/100, 2024; verifiable at cert.efset.org/gnBH76).

COURSES AND CERTIFICATIONS

Professional accreditation: ICACIT – Washington Accord: international recognition of the Industrial and Systems Engineering programme, Universidad de Piura (2022).

Data analytics: Google Advanced Data Analytics – Coursera (in progress): The Power of Statistics and Go Beyond the Numbers: Translate Data into Insights (2025). Google Data Analytics – Coursera: Foundations: Data, Data, Everywhere and Ask Questions to Make Data-Driven Decisions (2023).

Artificial intelligence: OpenAI (2026, valid through 2027): Foundational Knowledge, AI Technical Practitioner, ChatGPT Deployment Practitioner, API Deployment Practitioner and Codex Solutions Practitioner. GitHub Copilot – Microsoft (2026, valid through 2028).

Agile and software quality: CertiProf: Scrum Master Professional Certificate – SMPC (2025, valid through 2028) and Scrum Foundation Professional Certification – SFPC (2023). NTT DATA University: Agile Testing Fundamentals and Basics of Test-Driven Development (2024).

Data protection: NTT DATA University: GDPR – General Data Protection Regulation (2023) and Privacy by Design and by Default (2024).