Oscar Araya Díaz

DATA ANALYST | BUSINESS INTELLIGENCE | MANAGEMENT CONTROL

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PROFESSIONAL PROFILE

Data & Management Control Analyst with a solid background in operational leadership, specialized in transforming complex, large-scale datasets into financial certainty and strategic business direction. I combine technical proficiency in Python, SQL, and Power BI with hands-on experience managing Profit & Loss (P&L) statements, budget tracking, and inventory optimization. I bring a methodical work ethic, strong accountability, and a strict focus on automated, scalable, and sustainable solutions.

TECHNICAL SKILLS & CORE COMPETENCIES

Languages & Environments:	Python (pandas, NumPy, Seaborn, Matplotlib), SQL (PostgreSQL), SAS, Git / GitHub, REST APIs, HTML/CSS.
BI, ERP & Enterprise Systems:	Power BI (DAX, Power Query, Star Schema Modeling), Advanced Excel (Dynamic Arrays), SAP, Fudo POS.
Data Engineering & Analytics:	ETL/ELT Pipelines, Relational Modeling, Data Cleansing & Governance (Data Quality), Exploratory Data Analysis (EDA).
Management Control & Languages:	P&L Management, Budget Tracking, BCG Matrix, Cost & Waste Auditing. Spanish (Native), English C2 (Proficient).

PROFESSIONAL EXPERIENCE

Operations & Cost Control Analyst — Cyrano Café / Grupo Sabores **Santiago, Chile | Nov 2025 – Present**

- Optimized operational contribution margins across mass-production units and reduced logistical cost variances through analytical expenditure planning and continuous budget tracking.
- Enhanced supply chain cash flow visibility by automating 100% of mobile services reporting using dynamic matrices built in Advanced Excel and interactive Power BI dashboards.

Operational Management Control Supervisor — Restaurant Sabor de Chile **Santiago, Chile | Oct 2021 – Oct 2025**

- Reduced physical inventory discrepancies by 14% and improved warehouse stock accuracy by designing and implementing an automated waste analysis and raw material control system.
- Maximized operational profitability and mitigated budget variances in Profit & Loss (P&L) statements by leading semi-annual financial reviews and continuous KPI tracking.

FEATURED DATA ANALYTICS & ENGINEERING PROJECTS

Automated Economic Indicators ETL Pipeline (Central Bank API) **2026**

Technologies: Python, REST API, PostgreSQL, Power BI

- Designed and deployed an unattended Python ETL pipeline with incremental upserts into PostgreSQL, eliminating manual update errors and ensuring continuous availability of macroeconomic time series.
- Accelerated executive query response times on inflation, CPI, and exchange rate data via direct integration between PostgreSQL and a dynamic analytical model in Power BI.

Delinquency Risk & Credit Pricing Analysis (LendingClub Dataset) **2026**

Technologies: PostgreSQL, Python (pandas, Seaborn, Matplotlib), Power BI

- Modeled credit risk scenarios by segmenting and analyzing 1.23 million historical records in PostgreSQL and Python, identifying a 73.8% concentration of default risk within three medium-risk tiers.
- Formulated quantitative recommendations for commercial credit and pricing policies by isolating high-risk clusters through multivariate exploratory data analysis (EDA).

Public Procurement & Government Spending Analysis (Chile's Public Market) 2026

Technologies: Python (pandas, NumPy), Power BI

- Executed advanced data cleaning, geographic normalization, and currency standardization routines in pandas and NumPy across 1.1 million purchase orders, ensuring 100% referential integrity.
- Uncovered strategic market opportunities and captive segments with >90% monopoly concentration using competition models visualized in Power BI.

Commercial Operations & Menu Engineering Dashboard 2026

Technologies: Python (pandas, Seaborn), Power BI (DAX, Power Query)

- Classified product portfolios by profitability and volume using BCG matrix and co-occurrence analysis in Python, while uncovering bimodal peak-demand hours and an 85% digital payment rate through an interactive Power BI dashboard.

EDUCATION & CERTIFICATIONS

Data Analytics (Análisis de Datos) — AIEP Professional Institute **Santiago, Chile**

EF SET English Certificate — C2 Proficient — EF Standard English Test **International Certification**