

Oscar Araya Díaz

DATA & BUSINESS CONTROL ANALYST

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PROFESSIONAL SUMMARY

Results-driven Data Analyst and Business Control Specialist with 4+ years of experience leading budget control, operational cost management, and process optimization in high-pressure environments. Expert in designing end-to-end ETL/ELT pipelines, relational database modeling, and building strategic BI dashboards to drive executive decision-making. Strong technical mastery of SQL (PostgreSQL), Python, and Power BI. Certified C2 English level (Native/Bilingual).

EDUCATION & CERTIFICATIONS

Associate Degree in Data Analytics — AIEP

In Progress

Google Advanced Data Analytics Certificate & Google Data Analytics Certificate — Google 2026

English Language Certification (EF SET) — Level C2 (Native / Bilingual) 2026

TECHNICAL SKILLS

Databases	Advanced SQL, PostgreSQL (Window Functions, CTEs, Query Optimization, Database Normalization).
Programming & AI	Python (pandas, NumPy, scikit-learn), script automation, and advanced AI integration (Claude) for data quality auditing.
Data Visualization	Power BI (DAX Modeling, Financial & Management Dashboards), Tableau, Matplotlib, Seaborn.
Business Operations	ETL/ELT pipelines, REST API consumption, incremental loading (upsert), financial risk modeling, inventory control, and variance analysis.
Tools	Advanced Excel (VBA, Macros, Pivot Tables), Git/GitHub, pgAdmin.
Languages	Spanish (Native), English (C2 Certified EF SET - Native/Bilingual).

FEATURED PROJECTS (PORTFOLIO)

Financial Risk & Default Analysis — LendingClub

2026

PostgreSQL · Python · pandas · Matplotlib · Seaborn

- Processed a dataset of **1.23 million** historical credit records using **Python** and **PostgreSQL** to optimize risk mitigation in the Fintech sector.
- Segmented the portfolio to reveal that three medium-risk categories concentrated **73.8%** of total defaults due to their high volume.

- Identified pockets of extreme risk to optimize credit policies and differential pricing, transforming technical metrics into strategic business insights.

Public Spend Analysis — Mercado Público de Chile

2026

Python · pandas · NumPy · Matplotlib · Seaborn · Power BI

- Analyzed a volume of **1.1 million** public procurement purchase orders using **Python (Pandas)** to discover government spending patterns.
- Resolved data quality issues, including Unicode normalization of geographical entities and financial reconciliation audits.
- Developed a competition model that identified **monopolistic niches (>90% concentration)** versus highly viable market opportunities with high demand.

Automated ETL Pipeline — Central Bank of Chile API

2026

Python · PostgreSQL · Power BI · Automation

- Designed and built an end-to-end automated data pipeline (**ETL**) to extract and process key macroeconomic indicators (CPI/UF).
- Developed the flow in **Python** applying engineering practices such as incremental loading (*upsert*) in **PostgreSQL** to guarantee data quality.
- Fed an interactive dashboard in **Power BI** visually showcasing the cumulative purchasing power loss of the Chilean peso.

PROFESSIONAL EXPERIENCE

Operations & Cost Control Analyst — Cyrano Café / Grupo Sabores de Chile

Oct 2025 – Jan 2026

Santiago, Chile

- **Margin Control:** Directed analytical planning for massive production units, with direct responsibility over contribution margins and logistic cost optimization.
- **Report Automation:** Developed automated models in Excel and BI to analyze mobile logistics costs, improving expenditure visibility and streamlining supply chain decision-making.

Operations Control Lead — Restaurant Sabor de Chile

Oct 2021 – Oct 2025

Santiago, Chile

- **Budget Management:** Directed financial control of inventory and semi-annual budgets, overseeing profit and loss (P&L) statements to maximize profitability.
- **Inventory Optimization:** Built an automated stock tracking and variance analysis system in Excel, ****reducing physical inventory shrinkage by 14%****.
- **KPI Tracking:** Managed high-pressure operational workflows, streamlining administrative processes to ensure team compliance with efficiency and quality KPIs.