UNIVERSIDAD TECNICA
FEDERICO SANTA MARIA

# DIEGO ALBERTO CAYUPIL COVARRUBIA

## SENIOR DATA ANALYST

*Santiago, Metropolitan Region*

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## PROFESSIONAL PROFILE

Senior Data Analyst with 4 years across retail, e-commerce and airlines (Walmart, LATAM Airlines). End-to-end experience, from source to dashboard: SQL in BigQuery and Snowflake, dbt models and tests version-controlled with Git, ETL/ELT pipelines with Python and Airflow, star schema data modeling and semantic layers, data quality, and Power BI (DAX) and Tableau dashboards. LLMs and AI agents (Claude Code, MCP, skills) applied to development and documentation, validating every output. Partnership with stakeholders from requirements and KPIs to actionable insights, on a single source of truth: reliable data so dashboards and AI agree. Professional working proficiency in English (B2). Seeking Senior Data Analyst or Senior BI Analyst roles.

## ACADEMIC BACKGROUND

*Business Engineering, Universidad Federico Santa María [Final degree exam with the highest grade]* *2016 - 2021*

*Primary and secondary education, Liceo Academia Iquique Bajo Molle* *2006 - 2015*

## WORK EXPERIENCE

*Mid-Level Data Analyst –* ***Walmart Chile (Walmart Data)****, Santiago (Hybrid)* *10/2024 – Current*

- Member of the Business Intelligence team in the Data Management Department: gathered requirements with stakeholders and defined KPIs.
- Turned large volumes of data into actionable insights and recommendations for strategic and operational decision-making.
- Developed and optimized SQL queries in Google BigQuery (GCP) to process data efficiently.
- Built scalable Power BI dashboards for multiple business areas, with a focus on data storytelling.
- Data modeling for Power BI: star schema semantic models with DAX measures on top of BigQuery tables, as a single source of truth for business reporting.
- Data quality: ensured the quality, integrity and accuracy of the data (data validation) used in key business reports.
- Developed ETL/ELT pipelines and analytical solutions in Python, with workflow orchestration and automation in Airflow.
- Automated and standardized processes and documentation, improving team efficiency and development times.
- Used generative AI and LLMs (Claude) to speed up the development and documentation of analytical code, validating results before each delivery.
- Collaborated with technical and business teams under agile methodologies.

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*Process & Continuous Improvement Engineer – **Walmart Marketplace Chile**, Santiago* *05/2024 – 10/2024*

- Led continuous improvement and operational efficiency projects within the Marketplace, with a focus on report automation and process optimization.
- Implemented BigQuery and Power BI solutions for commercial and operational areas.
- Partnered with internal stakeholders to identify optimization opportunities and apply data-driven solutions.

*Data Analyst – **Walmart Marketplace Chile**, Santiago (Hybrid)* *09/2023 – 05/2024*

- Developed analytical products for Sellers to monitor their performance, from requirements gathering through to delivery.
- Delivered ad-hoc reports and root cause analysis to detect business trends and opportunities, presenting findings and recommendations to stakeholders.
- Designed automated Power BI dashboards for KPI tracking, built on star schema data models and DAX measures.
- Cleaned, validated and processed data from multiple sources using Python, SQL in BigQuery and Excel (data quality).
- Orchestrated pipelines with Airflow to ensure accurate, automated data flows into the analytical products.
- Automated recurring reports and KPI tracking for commercial and operational areas.
- Collaborated with Walmart Tech and Data Marketplace teams on joint initiatives.

*Information Management Analyst (Data Analyst) – **LATAM Airlines**, Santiago* *10/2022 – 09/2023*

- Member of the information management team, focused on transforming data into efficient solutions distributed to key business areas.
- Developed tailor-made reports and data models (data modeling) to meet the specific needs of internal clients.
- Automated control and alert processes on key performance indicators (KPIs) to support decision-making.
- Implemented and optimized data flows (pipelines) to guarantee their quality, consistency and stability (data quality).
- Coordinated information processes and databases across different areas, improving data integration and distribution.
- Identified improvement opportunities in data management practices to optimize operational efficiency.

## SKILLS & LANGUAGES

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|---|---|
| *Analysis & BI* | *SQL · Power BI (DAX) · Tableau · Excel · Python · data modeling · data storytelling* |
| *Data & AI* | *BigQuery · Snowflake · Airflow · dbt · Git/GitHub · LLMs · AI agents (MCP, skills)* |
| *Languages* | *Spanish (native) · English (professional working proficiency, B2)* |