

FELIPE MEDIAVILLA LEVINSON

Data Analyst & Engineer specializing in automation, machine learning, and full-stack development. Experienced in building scalable tools to enhance forecasting, streamline operations, and reduce manual work.

📍 Santiago, Chile @ frmediavilla@uc.cl ☎ +56 976309980 🔗 <https://felipemedlev.me> 🌐 github.com/felipemedlev

EXPERIENCE

Senior Data Analyst — Automation Engineer

Falabella S.A.

📅 Aug 2022 – Present 📍 Santiago, Chile

- Reduced **150+ analyst-hours weekly** by automating manual tasks using Python and SQL.
- Built **ML models for financial forecasting** and cost pass-through analysis.
- Created full-stack **Rebate App** (Next.js + Django), cutting approval time by 40% and reduced errors, which was previously done by emails.
- Developed **anomaly detection** scripts for early flagging of cost center deviations, reducing financial reporting errors.
- **Automated SAP client creation** by converting SharePoint data into XML inputs readable by SAP.
- Built **KPI dashboards** in Tableau and Looker Studio, consumed by 50+ stakeholders.
- **Parsed XBRL financial data** to streamline regulatory reporting and eliminate need for costly software.
- Deployed internal tools on **GCP**, ensuring fast, secure access across distributed teams.
- Built a **PDF-to-Excel validator** to check financial reports before CMF submission, reducing regulatory risk from upload errors.
- Consolidated sales data from **25+ transactional tables** into a unified source of truth used organization-wide.

Financial Planning Analyst

Softys S.A.

📅 Aug 2021 – Aug 2022 📍 Santiago, Chile

- Supported annual budget consolidation and strategic alignment.
- Led monthly closings and variance analysis for executive reporting.

Industrial Consultant

TICGAS

📅 Jul 2021 📍 Santiago, Chile

- Built an in-house product costing system and developed a linear optimization model, boosting revenue by 20% without increasing operational inputs.

Underwater Robotics Interface Developer (Intern)

CoMPAS Lab

📅 Apr 2021 – Sep 2021 📍 Santiago, Chile

- Designed navigation algorithms and GUI for autonomous robots.

Project Management Intern

SQM

📅 Dec 2019 – Mar 2020 📍 Antofagasta, Chile

- Proposed evaporation-reduction tech (*Barrier Ball*) and standardized PM protocols, later adopted to cut operational costs.

EDUCATION

Civil Industrial Engineer (with Distinction)

PUC Chile

📅 2015 – 2021 📍 Santiago, Chile

- Diploma in Mechanical Engineering; thesis in CFD fire simulations (Python).
- TA for Control of Mechanical Systems (2 semesters).
- Led design team for **VSolar** (EV challenge)
- Led mechanical team for **RobotX** (autonomous robots competition).

SIDE PROJECTS

Sille — Full-Stack Developer (Solo Startup)

📅 2024

- Built e-commerce platform (React/Expo + Django) for niche perfumery.
- Integrated **ML recommender system** for personalized product suggestions.
- Architected API, data models, and frontend onboarding flow.
- 🌐 <http://sille.cl>

Ariesanalytics.ai — Frontend Developer

📅 2024

- Created company site using **Next.js** with responsive UX.
- 🌐 [GitHub: ariesdata](#)

TECHNICAL SKILLS

Python

SQL

Git

Bash

Excel

PowerApps

Django

React

Next.js

Pandas

Scikit-learn

NumPy

GCP

PostgreSQL

Tableau

Looker

AutoDesk

LANGUAGES

Spanish (Native)
English (C1)
Hebrew (Basic)
Portuguese (Basic)

