

FELIPE MEDIAVILLA LEVINSON

Industrial & Mechanical Engineer | Data Scientist specializing in ML forecasting, automation, and AI tools

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EXPERIENCE

Data Scientist — Automation Engineer

Falabella S.A.

📅 Aug 2023 – Oct 2025 📍 Santiago, Chile

- Built and deployed **revenue forecasting models** for Retail, Sodimac, and Tottus using ML ensembles (Prophet, CatBoost, LightGBM, RandomForest, AutoARIMA).
- Built an internal **AI financial insights chatbot** using Google API + Streamlit, enabling on-demand FP&A and reporting queries.
- Optimized FX forward purchase decisions** using Machine Learning models for cost pass-through analysis, reducing exposure to exchange-rate volatility.
- Implemented **anomaly detection** for early P&L deviation identification, reducing reporting errors.
- Automated FP&A workflows** with Python + SQL, saving 150+ analyst hours/week across teams.
- Deployed scalable internal data tools on GCP (Cloud Functions, Storage, BigQuery).
- Created internal **full-stack Rebate App** (Next.js + Django) reducing approval time by \approx 40%.

Senior Financial Analyst

Falabella S.A.

📅 Sep 2022 – Jul 2023 📍 Santiago, Chile

- Managed budgeting and **financial consolidation** across all Falabella subsidiaries, delivering revenue, expense, and GMV **analyses for executive leadership**.
- Improved FP&A efficiency by **automating workflows** and building reporting dashboards using Python, SQL, GCP, Tableau, and Looker Studio.

Financial Planning Analyst

Softys S.A.

📅 Aug 2021 – Aug 2022 📍 Santiago, Chile

- Supported company-wide budgeting and financial consolidation, producing variance analyses and reports for executive decision making.

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.

Project Management Intern

SQM

📅 Dec 2019 – Mar 2020 📍 Antofagasta, Chile

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

EDUCATION

B.Sc in Engineering, Mechanical & Industrial Engineering

PUC Chile

📅 2015 – 2021 📍 Santiago, Chile

- Graduated with distinction.
- Undergrad Research on CFD fire simulations.
- TA for Control of Mechanical Systems (2 semesters).
- Led design team for **Atacama Solar Challenge** (EV challenge)
- Led mechanical team for **RobotX** (autonomous robots competition).

SIDE PROJECT

Sille — (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>

TECHNICAL SKILLS

ML & Forecasting

scikit-learn Prophet LightGBM
CatBoost XGBoost AutoARIMA

Data & Analytics

Python SQL Pandas NumPy
BigQuery PostgreSQL

Visualization

Tableau Looker Studio

Cloud & DevOps

GCP Cloud Functions Cloud Storage
Docker Git Bash

Web Development

Django REST APIs React Next.js

LANGUAGES

Spanish (Native)
English (C1)
Hebrew (B)

