

Davirson Novoa Ramírez

Finance Data Analyst · Financial BI Analyst · Analytics Engineer

Economist and FP&A consultant who builds the data infrastructure he works from.

Bogotá, Colombia · GMT-5 · Fully remote · English B2 · Portuguese A2

davinsonnovoar Ramirez@gmail.com · [linkedin.com/in/davirson-novoa-ramirez-2721641b5](https://www.linkedin.com/in/davirson-novoa-ramirez-2721641b5) · github.com/DavinsonR · davirson.com

Profile

Economist with three years inside corporate finance — treasury, billing and FP&A — building the data the business runs on: Python, SQL and Power BI applied to operations across 15+ countries in the Americas. I now run a production PostgreSQL warehouse in medallion architecture, with dbt transformations, 89 automated quality tests and a Power BI semantic model, refreshed daily with no manual step. I am looking for a remote role where financial judgment and data engineering are paid as one capability, not two halves.

The crossover role

This is not a career change; it is pricing what I already do. In every finance role I ended up building the same thing — code and data — because the report the business needed did not exist. An FX mismatch analysis in Python as an intern. Automation that gave every treasury analyst about 10 hours a month back — close to 60 a month across the team. Power BI models that turned a monthly close into a decision. The edge is not knowing Python; it is knowing which question is worth answering before writing any. A Finance Data Analyst is neither a data analyst who picked up finance nor a finance person who picked up code — it is the one who needs no translator between them.

Experience

Neoris EPAM

Bogotá, Colombia · remote

Business Consultant, FP&A

Mar 2026 — present

- Designed and led 3 financial management systems for SG&A close and forecast across North America, impacting 12 countries/regions.
- Managed monthly close and company-wide forecast confirmation, analyzing variances against plan and prior forecast.
- Tracked FX variance in constant currency and per-currency inflation.
- Built FP&A reporting with advanced Excel, Power Query, Power BI, MicroStrategy, JD Edwards and SAP.

SLB

Bogotá, Colombia · hybrid

Internal progression: intern to specialist in 26 months.

Billing Specialist (Argentina & Brazil)

Dec 2024 — Mar 2026

- Executed revenue recognition in SAP under Sarbanes-Oxley (SOX) requirements.
- Built Power BI models and visualizations for revenue and trend analysis.
- Performed internal audits on integrated technology projects, ensuring traceability and compliance.

Treasury Analyst

Oct 2024 — Dec 2024

- Automated bank reconciliation in SAP, improving accuracy and efficiency.
- Cut roughly 10 hours of manual reporting per analyst per month — about 60 hours a month back to the team — by optimizing and automating the process.
- Implemented automated workflows with Power Automate.

Treasury Intern

Jan 2024 — Jun 2024

- Built a comprehensive FX mismatch analysis for Latin American markets in Python, identifying financial risks and hedging opportunities.
- Created Power BI dashboards for cash-flow projections across 15+ countries.
- Automated bank transaction reporting across 10+ regional operations.

LEE Javeriana

remote

Research Assistant

Jul 2023 — Dec 2023

- Analyzed Colombian education-system data with a focus on higher education.
- Built Power BI dashboards to visualize research findings.
- Contributed to impact-evaluation studies through statistical analysis.

Solidarimente (volunteer)

remote

Social Data Analyst

Jan 2023 — Jul 2023

- Delivered analytical tools and insights for NGOs in multicultural environments.
- Collaborated with international teams on data-driven social-impact initiatives.

Production projects

Open source and checkable. None of this is a course exercise.

JARVIS — personal tracking app

Own product — designed, built and operated

2026 — open demo
public demo, no account

- Multi-user model on Postgres with a row policy on 34 tables: the conversion required rebuilding 22 primary keys that identified rows without the user, and pushing the user inside the foreign keys so isolation did not rest on the policy alone.
- Eight CI gates judged by exit code: types, format, lint, 526 tests, build, dependency audit, a guard that hunts personal data inside the built artifact, and a smoke test requiring the anonymous role to be denied across all 55 tables and views.
- A public demo running the five real screens over 120 seed-generated days that never queries the database; a test walks the runtime import graph and fails if any reachable module gets to the data client.
- Day logging in one form and one button, with eight independent writes, an on-device draft and send queue to survive losing signal, and a purpose-built number reader because a browser number field was storing expenses divided by a thousand.
- Hand-written SVG charts, no library, with contrast validated in light and dark and states separated by shape as well as color.

Stack: Next.js 16 · React 19 · TypeScript · Postgres (Supabase) · RLS · Tailwind · PWA · Vitest

market-data-medallion

Market data platform — designed, built and operated

2026 — in operation
github.com/DavinsonR/market-data-medallion

- Watermark-based incremental ingestion from 4 sources (Tiingo, Coinbase, Kraken, FX) into a three-layer PostgreSQL warehouse: 48 assets and more than 58,000 candles, idempotent and resumable.
- 89 automated dbt data-quality tests plus 171 Python unit tests; the pipeline fails before publishing bad data, not after.
- No-look-ahead backtesting engine with 70/30 out-of-sample validation over 1,392 strategy variants: only 13% of the in-sample winners survived the blind window.
- FX decomposition for Latin American ADRs, separating company performance from the currency move through the identity $(1+r_USD) \times (1+r_FX) = (1+r_local)$.
- Daily orchestration on GitHub Actions with a rate-limit circuit breaker, running on zero-cost infrastructure.

Stack: PostgreSQL · Medallion architecture · dbt · Python · Prefect · GitHub Actions · Supabase · Power BI (TMDL / PBIP) · Next.js

Research

My own research, built in public on open data.

Financial inclusion and regional growth in Colombia

M.Sc. in Economics thesis, Javeriana — reproducible research end to end

2026 — building
repository on GitHub

- Purpose-built open-data downloader with a verifiable manifest: nineteen sources (financial supervisor, statistics office, ICT and education ministries, national map), row counts verified against the source, metadata-driven typing and a sha256 per file.
- Dimensional warehouse in dbt on DuckDB: department, municipality and period dimensions, financial inclusion in long form by product block, and tests that reconcile each department total with the sum of its municipalities.
- Geographic keys resolved to the municipal code with 100% coverage across the 34 quarterly cuts, and the splice between the supervisor's two tables measured quarter by quarter.
- A financial-inclusion index by dimension and annual panels at department and municipality level, with an explicit battery against spurious correlation. Public logbook of mistakes and wins.

Stack: dbt · DuckDB · Python · Parquet · Panel data · Quarto

Skills

Finance domain: FP&A · Close & forecast · SG&A · Revenue recognition (SOX) · Treasury · FX analysis · Budgeting · Constant currency · SAP · JD Edwards · MicroStrategy

Data & engineering: Analytical SQL · PostgreSQL · dbt · Medallion architecture · Python (pandas) · Incremental ETL · Prefect · GitHub Actions · Supabase · Power BI · DAX · Power Query · Tableau · Git · Next.js · Vercel

Technical stack

- **Excel and financial modelling** — SG&A close and forecast across 12 countries at Neoris EPAM
- **Power BI** — Seven-table semantic model in TMDL, loaded against Supabase
- **Tableau** — Dashboard that won the BodyTech Trends Hackathon, public
- **SQL** · **PostgreSQL** — Three-layer medallion warehouse, more than 58,000 candles in production
- **Python** — Incremental ingestion, backtesting engine, FX decomposition
- **dbt** — 89 quality tests that run before a single figure is published
- **Git** · **GitHub Actions** — Daily cron in operation, with a rate-limit circuit breaker

- **Machine learning** — Stanford Specialization on Coursera, 2024

Education

M.Sc. in Economics 2025 — 2026

Pontificia Universidad Javeriana · thesis filed
Thesis filed in August 2026; graduation expected in November 2026. It is the origin of the financial-inclusion project I keep building in public.

B.Sc. in Economics 2020 — 2024

Pontificia Universidad Javeriana · completed

Systems Technician 2018

SENA · completed

Certifications: Machine Learning Specialization (Stanford · Coursera, 2024) · Cybersecurity Certificate (Google · Coursera, 2024) · Data Science with Python (Platzi, 2023)

Recognition: Winner — BodyTech Trends Hackathon (2024) · Ecopetrol Scholar — Mario Galán Gómez Program (2018)

Remote-ready

3 remote or hybrid roles with teams distributed across 15+ countries. · GMT-5 (Bogotá): full overlap with US and Canadian hours. · Experience working with teams in North America, Argentina and Brazil. · Native Spanish · English B2 · Portuguese A2.