# Ana Patricia Medina Aguirre

**Data & Automation Analyst | Power BI · SQL · Python · Power Automate · Odoo**

Lima, Peru | +51 970 585 398 | meymar1405@gmail.com
https://www.linkedin.com/in/ana-medina-ba5839269 | https://anamedinaaguirre.github.io

## SUMMARY

Data and automation analyst with retail experience. I have built an AI assistant on top of Odoo, dashboards used across 4 companies and 12 locations, and automations that turned reports that took weeks into automated processes. I work end to end, from process discovery to production, with Power BI, Python, Power Automate, n8n and Odoo. 10th-semester Systems Engineering student (UCV, top 20% of class).

## WORK EXPERIENCE

**Functional Analyst** | **Boson Innovation E.I.R.L.** | Aug 2026 – Present | Lima

- Built an AI assistant for Odoo that answers management's questions in natural language, by text or voice, and sends a summary of operations every morning. It replaces consolidated reports that took several days (each department exported its own Excel file and they were merged by hand). For security, the AI does not write SQL: it chooses among registered queries that read the ERP with the user's permissions.
- Built the consolidated sales dashboard on the central server (sales, units, transactions, products and margins by product family, brand and point of sale, with Excel export), used by the 4 client companies and their 12 locations, with a multi-company filter and only receipts accepted by SUNAT (Peru's tax authority).
- Built a mobile inventory count module: camera barcode scanning, blind counts, supervisor approval and stock adjustments that account for sales made during the count, with automatic alerts for negative stock and large discrepancies.
- Took part in implementing a multi-site architecture on Odoo 18 for 4 retail companies (12 locations), with catalog, price and stock synchronization via API.

**Automation and Digital Transformation Analyst** | **CasaLinda** | Nov 2025 – Jul 2026 | Lima

- Built Power BI dashboards for every department: reports that took weeks to prepare are now generated automatically.
- Automated merchandise tracking between Wholesale, Sales and Warehouse with Power Automate and SharePoint: the store manager fills in a form, and the system emails the people responsible and reports every status change, replacing scattered emails with no follow-up.
- Built a web application for the Loss Prevention team that centralizes credit notes and stolen products from the stores, with permissions so each user sees only their own records; it replaced Excel files shared by hand.
- Automated IT and Maintenance ticket handling: requests logged through a SharePoint form and an automatic notice to the user when their case is resolved.
- Mapped and documented AS-IS / TO-BE processes (BPMN) for the move to Odoo 17, supporting configuration, user acceptance testing (UAT) and training.

**Web Developer** | **CasaLinda** (Feb – Nov 2025) · **Consigue Ventas** (Nov 2024 – Feb 2025)

- Responsive WordPress sites, integration of the website with the internal PROGRESS system, technical SEO and version control with Git.

## PROJECTS

**Retail sales ETL pipeline** (in progress) | https://github.com/AnaMedinaAguirre/pipeline-etl-retail

- Daily pipeline with Python, dbt and PostgreSQL (Neon), orchestrated with GitHub Actions: star schema with 138 data quality tests, currency conversion using the BCB and BCRP central bank APIs, and a Power BI dashboard.

## EDUCATION

**Systems Engineering** | **Universidad César Vallejo** | Apr 2022 – Dec 2026 (expected graduation)

- Top 20% of class (rank 418 of 2,466) · Top 10% in term 2026-I (rank 24 of 254).

**Currently studying:** Microsoft Azure Data Fundamentals (DP-900) · Databricks Fundamentals.

## SKILLS

**Data & BI:** Power BI (DAX, Power Query), SQL / PostgreSQL, dbt, dimensional modeling, Excel
**Automation & integration:** Power Automate, SharePoint, n8n, Python, REST / JSON-RPC APIs
**ERP & AI:** Odoo 17/18 (Python and OWL modules), AI assistants with controlled queries
**Processes:** BPMN (AS-IS / TO-BE), UAT
**Tools:** Git, GitHub, Linux (Debian)
**Languages:** Spanish (native) · English B2 — technical reading and written communication