Martin Miguel Sanchez

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Data Engineer with 7+ years building production ELT/ETL and analytics pipelines at MercadoLibre, ReminderMedia, and XM. Recently co-founded and shipped a retail SaaS data product, now stable in production. Stack: Databricks · Snowflake · dbt · Airflow · PySpark · AWS/GCP. Open to remote data engineering, analytics engineering, or data platform roles.

PROFESSIONAL BACKGROUND

BodegaPro - Data Engineer **Remote, Colombia** *April 2026 – September 2026*

- Built and delivered the core data layer of a cloud POS & inventory platform for Colombian retailers, live in production with 15+ active clients.
- Architected an offline-first sync between local SQLite and Supabase (PostgreSQL), with conflict-safe replication/ELT to keep on-device and cloud data consistent.
- Modeled sales, inventory, and catalog schemas and built data-quality validations for reliable reporting across all stores.

ReminderMedia - Data Engineer **Remote, Colombia** September *2025 – March 2026*

- Owned reliability of ETL/ELT pipelines on Airflow and Snowflake, delivering accurate data across 135+ DAGs. Built Python ingestion jobs integrating on-prem DBs, AWS, and APIs into Snowflake.
- Orchestrated PySpark on Databricks and dbt transformations on Snowflake for ELT modeling and analytics. Improved observability with Prometheus and Grafana, tracking DAGs and scheduler health.
- Administered Linux servers hosting Airflow and used AI-assisted development to accelerate debugging, refactoring, and incident response.

MercadoLibre - Data Engineer **Remote, Colombia** *April 2024 – April 2025*

- Built Databricks ETL/ELT pipelines with PySpark for scalable processing across GCP, AWS, and Azure. Designed ingestion workflows into a Data Lake and Data Warehouse with high-performance design.
- Developed Databricks notebooks for transformation, monitoring, and exploratory analysis. Applied DevOps practices for testing, version control, and pipeline deployment.
- Optimized critical pipelines and queries, cutting processing time from hours to minutes on high-volume credit datasets.

ISA XM Market Experts – Data Engineer **Remote, Colombia** September 2020 – April 2024

- Built end-to-end ETL pipelines with Airflow, dbt, and SQL on Snowflake and BigQuery with full test coverage.
- Used PySpark on Databricks for cleaning, transformation, and validation of large datasets. Integrated cloud services across AWS (Glue) and Azure for scalable ingestion and processing.
- Maintained QA docs and used JIRA for defect tracking and sprint reports. Collaborated with QA and BI teams in Agile events to deliver reliable data to clients.

IEB – Specialized Engineering – Data Engineer **On site, Colombia** *May 2019 – September 2020*

- Supported ETL workflows and automated data processes using Python and SQL for reporting solutions.
- Worked with relational databases, query optimization, and data validation processes.

ACADEMIC BACKGROUND

School of Engineering, University of Antioquia **Medellin, Colombia**
Master's Degree in Engineering *2021-2023*

School of Engineering, University of Antioquia **Medellin, Colombia**
Bachelor's Degree in Engineering *2013-2018*

ADDITIONAL SKILLS

Languages & Frameworks: Python, SQL • Data Platforms: PySpark, Redshift, Snowflake, BigQuery, Databricks • Cloud & ETL: AWS, Azure, GCP, dbt, Airflow • Visualization & Modeling: Tableau, Looker, Power BI • QA & Delivery: CI/CD, JIRA, Agile, automated testing.