

Jose Miguel López Moreno

Data Analyst

+57 301 787 7243 | jmlopezm196@gmail.com | [LinkedIn](#)

SUMMARY

Mechatronic Engineer with 3+ years of experience in data analysis, data modeling, and business intelligence. Proficient in transforming raw data into actionable insights through dashboards, automated reporting, and statistical analysis. Skilled in designing efficient data pipelines and optimizing database performance. Passionate about using data to drive strategic decision-making and operational efficiency.

EDUCATION

Universidad Militar Nueva Granada <i>Bachelor of Science in Mechatronic Engineering</i>	Bogotá D.C, Colombia Expected July 2025
Universidad Externado de Colombia <i>Training for Future Business Leaders</i>	Bogotá D.C, Colombia July 2017

WORK EXPERIENCE

Banco de Bogotá	Bogotá D.C, Colombia
<i>Cybersecurity Analyst (Internship),</i> August 2024 – February 2025	
<ul style="list-style-type: none">Automated reporting and preprocessing of security-related data using Python and Excel.Developed scripts for web scraping and PDF data extraction to enrich datasets.Created PowerShell scripts for bulk querying of network devices.Built interactive BI dashboards in Power BI to support risk analysis.Standardized and documented automation pipelines to improve scalability and consistency across cybersecurity reporting.	
RREGACADEMY	Bogotá D.C, Colombia
<i>Mid-Level Analyst,</i> February 2024 - July 2024	
<ul style="list-style-type: none">Collected, cleaned, and structured user engagement data to monitor learning outcomes.Created interactive dashboards in Power BI to visualize course completion rates, retention, and student performance.Wrote SQL queries and stored procedures to support analytics on large volumes of data.Automated the extraction of defined KPIs using Python, applying basic machine learning models to identify usage patterns and user segmentation.	
Helping Hand - Hhand.TECH	Bogotá D.C, Colombia
<i>Data Analyst & Business Intelligence Developer,</i> June 2023 - January 2024	
<ul style="list-style-type: none">Designed and implemented a centralized data system to evaluate employee psychological profiles and workplace behavior using structured assessment models.Automated the system's data analysis to evaluate employee performance and behavioral metrics.Built custom dashboards in Power BI to visualize HR KPIs.Collaborated with psychologists and HR consultants to translate psychological diagnostics into measurable data-driven insights for enterprise clients.	
Consorcio Boyaca G19	Bogotá D.C, Colombia
<i>Data & IT Manager,</i> January 2019 – December 2022	
<ul style="list-style-type: none">Led data analysis projects to support construction and logistics decisions using Python and Google Analytics.Built and optimized company-wide SQL databases and automated reporting workflows.Designed dynamic dashboards to monitor progress, resource usage, and operational KPIs.Managed IT infrastructure, server maintenance, and implemented cloud-based data backups using Google Cloud.Led web development initiatives using React and Node, integrating data-driven solutions.	

SKILLS

Languages: Spanish (Native) ; Advance in English (C1)
Abilities: Data wrangling and preprocessing, KPI tracking and dashboard development, database design and query optimization, storytelling with data, statistical analysis, business intelligence reporting, and machine learning.
Technical Skills: Python (Advanced – Pandas, NumPy, Scikit-learn, Matplotlib), SQL (Advanced – PostgreSQL, SQL Server), Data Visualization (Power BI, Tableau), MATLAB (Intermediate), SAS (Intermediate).
Softwares: Power BI, Power Platform, SQL Server, Tableau, Jupyter Notebook, Google Analytics, Power Automate, AWS (Basic), JIRA, Confluence, Git, Notion.