

Marlon Josue Mejía Monterroso

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- LinkedIn: <https://www.linkedin.com/in/marlon-josuemejia/>
- Data Analyst | Data Engineer | Data Scientist

▼ Objective

Data professional with over 3 years of experience in Business Intelligence projects, handling large volumes of data, and building ETL workflows. Expert in SAP Data Services, with strong knowledge in data modeling, process automation, and predictive analytics. Seeking to apply my expertise in digital transformation and data process optimization projects.

▼ Work Experience

Jan 2025 – Sep 2025

Data Analyst • INVERSIONES LA PAZ (ILP)

- Automated manual documentation using Python scripts and Power Automate, increasing team efficiency.
- Designed AI-driven documentation workflows through prompts in Power Automate.
- Led the definition of structure and work methodology for the Machine Learning team regarding transitions in KNIME HUB (QA and PRD).
- Developed and researched a graph-based model to detect and predict fraud networks.
- Created alert workflows in KNIME 5.4.1 for early error detection in data models.
- Programmed and optimized workflows in KNIME SERVER 4.7.5, ensuring accurate execution of critical processes.
- Managed and deployed workflows in KNIME HUB 5.4.1, with QA and PRD passes, guaranteeing operational quality and continuity.
- Audited Machine Learning workflows in KNIME APP and KNIME HUB to ensure proper model creation and validation.
- Automated processes that significantly reduced manual and repetitive work in Azure Synapse models with Analysis Services.
- Led the migration from KNIME SERVER to KNIME HUB, improving collaboration and access to shared workflows.
- Coordinated and administered workflows during the KNIME migration, ensuring a smooth and efficient transition.
- Built monitoring reports in Power BI, enabling visual analysis of key metrics in models and workflows.
- Conducted trend and KPI analysis for sales monitoring, applying statistical calculations to support decision-making.
- Implemented process automations with KNIME, Python, Anaconda, and Power BI, achieving a substantial reduction in hours spent on monitoring, manual documentation, and sales validation.
- Led the creation of ILP's first Advanced Analytics team, serving as auditor for the development of AI and Machine Learning models across all group companies.

Nov 2023-Jan 2025

Business intelligence specialist • BANCO ATLANTIDA.

GIS Project (Georeference Information System)

- Performed advanced geospatial data analysis to identify patterns and trends.
- Created and manipulated thematic maps using ArcGIS PRO and ArcGIS Online.
- Developed spatial models for urban planning and resource management.
- Built Experiences and Dashboards focused on geolocation to enhance information visualization.

Machine Learning Project (Honduras)

- Implemented predictive models with linear regression for balance prediction, achieving 80% accuracy.

Training in Data Services Designer (El Salvador)

- Trained teams in ETL flow creation and optimization, improving efficiency by 25%.

Workbench Training (El Salvador)

- Monitored jobs, load statistics, and error reviews.

SAP BTP (Honduras)

- Managed and utilized cloud databases (SAP HANA Cloud and SAP Data Lake).

Aug 2022- Nov 2023

Data Warehouse Executive • INFATLAN

Regulatory Entities Project (CNBS Honduras)

- Migrated systems from AS400 to SAP, optimizing data load flows and reducing processing times by 30%.
- Enhanced data load workflows for regulatory compliance.

Decommission Project

- Built ETL workflows for the Anti-Money Laundering department, automating and optimizing processes, reducing load time by 20%.
- Optimized legacy processes, reducing execution times using modern tool components.

Moven Project

- Managed product data for a financial application, improving quality and accuracy for client decision-making.

Migration to Data Services 4.2–4.3

- Led the migration of platforms and data repositories, ensuring operational continuity and improved security and load performance.
- Managed DEV, QA, and PRD environments.
- Created repositories, user roles, and permissions.

ETL Processes

- Data validation and cleansing.
- Built both automated and manual ETL processes.
- Programmed and optimized automated jobs at both component and query levels.
- Integrated diverse data sources (Excel, CSV, RESTful/JSON APIs).

Data Warehouse – CDR Project (Nicaragua)

- Designed and created optimized tables for regulatory reporting, improving data accessibility and efficiency.
- Automated report generation for credit portfolio and other critical areas, significantly reducing manual effort and improving accuracy.

2022-2022

Systems Development | IT Developer • BAC CREDOMATIC (2022 – Jun 2022)

- Developed a web application using ASP.NET, MVC, and Vue.js, streamlining internal management of small-scale applications.

▼ Education

Computer Science Engineering (Jan 2018 - Dec 2022)

- Universidad Católica de Honduras [Tegucigalpa, Honduras]

Intensive English Course (Oct 2025 - Jun 2026)

- Foreign Language Centre, Warsaw University of Technology [Warsaw, Poland]

▼ Skills

Data Science & Machine Learning

- Python (NumPy, Pandas, Matplotlib, Statsmodels, Scikit-learn) – Intermediate
- Jupyter Notebooks – Intermediate
- Predictive modeling (supervised regression)
- KNIME APP/ HUB – Intermediate

Databases

- SQL Server, DB2, Sybase, SAP HANA, MySQL – Advanced
- SAP HANA Cloud, Data Lake – Advanced
- Data Warehouse design & optimization – Advanced
- ETL workflows with SAP Data Services – Advanced

Cloud Platforms

- Microsoft Azure – Intermediate
- Azure Synapse Analytics – Intermediate
- Azure Automation – Intermediate
- Power Automate - Intermediate

Business Intelligence

- Power BI – Intermediate
- Financial report automation
- Data load optimization
- Analysis Services – Intermediate
- Visual Studio / VS Code – Intermediate

Web Development

- ASP.NET (MVC), HTML, CSS, JavaScript – Basic
- Vue.js – Basic

Other

- Microsoft Suite – Advanced
- Agile methodologies (Scrum, Kanban) – Intermediate

▼ Certifications and Courses

- Certificate of participation in a workshop on Artificial Intelligence (12/2019).
- Certificate of participation in a workshop on SAP ABAP (11/2019).
- Business Intelligence with Power BI and SQL Server 2019 certificate from Udemy.
- Data Science in Python from Scratch + ChatGPT Udemy – Ongoing.

▼ Languages

- Spanish (Native Speaker).
- English (C1)
- German (A1).

▼ References

- Héctor López • +504 97977966 • hector.lopez@linkerfinance.com (Linker Finance).
- Francis Flores • +504 98398707 • francis.flores@laurel.ai (Laurel AI/ Banco Atlántida Direct Supervisor)
- Gabriela Rivera • +504 98341070 • (ILP Previos Direct Supervisor)