MIGUEL ANGEL ARDÓN

SENIOR DATA ANALYST | BUSINESS INTELLIGENCE & DATA ENGINEERING

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PROFESSIONAL SUMMARY

Senior Data & Business Intelligence Analyst with 7+ years of experience engineering data pipelines, advanced analytics models, and BI solutions across Logistics, Supply Chain, Retail, and Technology sectors. Holds dual Master's degrees in Business Analytics and Big Data Analytics. Expert in SQL data modeling, Python scripting, ETL pipeline development, event streaming (Kafka), Power BI reporting, and integrating predictive AI models (Claude API/FastAPI) to drive data-informed decision-making.

CORE COMPETENCIES

- **Data Analysis & SQL Modeling:** Advanced SQL Query Optimization, Relational Database Schema Design (PostgreSQL, SQL Server), Multi-Source Data Aggregation, KPI Analysis.
- **Business Intelligence & Visualization:** Power BI Dashboard Development, Executive Reporting, Data Storytelling, Operational Performance Metrics, Trend Forecasting.
- **Data Engineering & ETL:** Python (Pandas/NumPy), Event-Driven Data Streaming (Apache Kafka), SAP & WMS Data Synchronization, Pipeline Automation.
- **Advanced Analytics & AI Integration:** Predictive Analytics, Claude API Log Analysis, Predictive Discrepancy Detection, Automated Anomaly Detection.

PROFESSIONAL EXPERIENCE

CRC | *Honduras (Remote)*

Senior Data & Systems Analyst *— Apr 2021 – Present*

- **Predictive Analytics & AI Log Integration:** Integrated predictive analytics and natural language processing capabilities using FastAPI, Python, and the Claude API to analyze warehouse operational logs and detect inventory discrepancies.
- **Real-Time Data Streaming & ETL Pipelines:** Implemented an event-driven streaming architecture using Apache Kafka to synchronize real-time inventory and supply chain events across distributed database systems.
- **Enterprise Data Integration (SAP to WMS):** Engineered data integration scripts connecting internal Warehouse Management Systems (WMS) with SAP enterprise database platforms, improving data accuracy across operations.
- **Logistics Data Modeling & Optimization:** Analyzed logistics telemetry and warehouse tracking data to design dispatch routing algorithms that prevented truck bottlenecks and optimized throughput.
- **SQL Database Performance Tuning:** Managed and optimized queries across Microsoft SQL Server, PostgreSQL, and MariaDB, ensuring rapid query response times for operational reporting.

Dynasoft | *Honduras (Remote)*

Data & Full Stack Engineer *— Sep 2019 – Apr 2021*

- **Transactional Data Analysis & Schema Design:** Designed relational database schemas and optimized complex SQL queries in PostgreSQL and SQLite to analyze high-volume daily retail transactions.
- **Cloud Data Infrastructure & Monitoring:** Configured AWS CloudWatch log streams and monitoring metrics for containerized applications, evaluating system availability and latency trends.
- **Multi-Tenant Data Pipeline & Analytics:** Built RESTful data APIs and backend services using Python and Django, enabling seamless data reporting for multi-tenant enterprise software.

ADDITIONAL PROFESSIONAL EXPERIENCE

Ideaworks | *Honduras*

Software Developer | Web & Mobile *— 2018 – 2019*

- **Data Management & Backend Integration:** Structured relational SQL schemas and managed database integrations for web and mobile client applications.

Code Store | *Honduras*

Software Developer *— 2017 – 2018*

- **SQL Development & Data Processing:** Authored SQL scripts, data extraction routines, and Python backend logic for custom client applications.

DATA PROJECTS & APPLIED ANALYTICS

- **Supply Chain AI Log Analytics:** Architected log analytics solution using Python, NestJS, and Redis, integrating Claude API to process supply chain audit trails and flag anomalies.
- **Financial Transaction Data Modeling:** Designed relational and NoSQL data structures (MongoDB) to track peer-to-peer microfinance transactions and escrow ledger balances.

EDUCATION & CREDENTIALS

Master in Business Intelligence & Big Data Analytics — EUDE Business School, Spain

Master in Business Analytics — UNITEC SAP, Honduras

Bachelor of Science in Computer Systems Engineering — UNITEC TGU, Honduras

TECHNICAL SKILLS & LANGUAGES

- **Data Tools & BI:** Power BI, SQL (PostgreSQL, MS SQL Server, MariaDB, SQLite), Python (Pandas, FastAPI), Apache Kafka, Redis, SAP, AWS, Azure.
- **Languages:** English (C1 Proficient), Spanish (Native).