FRANCISCO JAVIER GARCÍA MORENO

DATA ENGINEER

Contact

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🌐 https://javiermorenof7.github.io/cv_portafolio/links/index-en.html

Software

Python
Google Cloud Platform (GCP)- AWS
PostgreSQL   AZURE
Power BI
Spark SQL

Lenguage

Python	PySpark
Scala	JavaScript
SQL	HTML y CSS

Studies Completed

Undergraduate
Degree: Industrial Engineer

University: Jorge Tadeo Lozano | February 2014 - August 2018

Graduate
Degree: Master's Degree in Integrated Management Systems (Focus on Data Engineering)

University: Universidad Internacional de La Rioja (UNIR) | November 2018 - 2020

Complement

Neural Networks: Implementation with Python/Keras

Spark: Big Data Processing

Data Engineering: ETL Pipelines with Python

SQL: Database Optimization

Tableau: Visualization and storytelling

Git/GitHub: Advanced version control

Professional Profile

Professional with a Master's degree in Integrated Management Systems, 5 years transforming massive data into measurable strategic decisions. Specialist in Big Data architectures, automated ETL flows, advanced management of relational/NoSQL databases, implementation of predictive models, data visualization. Experience developing end-to-end solutions with quantifiable results: reduction of operational costs (30%), increase in processing speed (40%), increase in conversion (25%), optimization of financial returns (12% above benchmark). Versatile approach applied across multiple industries, highlighting successful implementations in the financial sector. Strategic orientation to convert complex data into actionable insights that generate sustainable competitive advantages.

Very important: to see more, access my virtual portfolio at the following link https://javiermorenof7.github.io/cv_portafolio/links/index-en.html

Professional Experience

Banco Falabella | Data Engineer | January 2023-Present

Led the complete migration of On-Premise systems to Google Cloud Platform, designing data architecture and ETL processes that optimized operations in Colombia, Peru, and Chile. Implemented automated ingestion from multiple sources (Oracle, MySQL, SQLServer) with encryption protocols for sensitive data. Successfully migrated the Onboarding process from Metabase, transforming JSON structures into optimized tables that reduced processing times by 45% and improved operational decision-making. Developed pipelines with Argo Workflows and regional models that standardized critical processes for new banking products.

Key technologies: GCP, Python, Scala, BigQuery, Spark SQL, Kubernetes, DataOps

Factor IT | Data Engineer | April 2022-January 2023

Developed processing solutions using NLP, AI, and Neural Networks for financial and retail clients. Implemented statistical techniques to structure uncorrelated data and build predictive narratives. Provided insights for complex problems, increasing data-based solution adoption by 35%.

Key technologies: Python, Big Data, IBM Cognos, Power BI, Git, ETL, SQL

BBVA | Data Engineer | November 2021-April 2022

Automated extractions from SQL Server and cleaning processes with Python. Implemented visualizations in Google Data Studio and versioning system that eliminated Excel dependency. Achieved real-time data presentation according to required periodicity, significantly simplifying complex analyses.

Key technologies: Python, Big Data, IBM Cognos, Power BI, Estadística avanzada, ETL

Aviomar Business Group | Data Process Engineer | February 2020-October 2021

Designed and implemented complete data architecture for three companies, integrating billing systems, CRM, ERP, and WMS in PostgreSQL. Developed ETL processes and automation of costing and reports, improving accuracy by 200%. Implemented profitability analysis and SARLAFT segmentation with Power BI/Tableau visualizations.

Key technologies: Python, PostgreSQL, Power BI, ETL, SQL, Tableau

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