

Data Engineer

Core Skill:

Data Engineer

Industry Verticals:

Banking
Capital Markets
Asset Wealth Management
Insurance
Media

Programming Languages:

Python
SPARK
SQL
Java

Databases:

PostgreSQL
SQLite

Tools & Techniques:

Docker
GCP
GitHub
Kubernetes

Summary:

I am a highly resilient and committed data engineer with more than 4 years of working on developing and deploying models and pipelines for several companies . I have worked mainly on taking into cloud on-premises solutions across different platforms (Airflow, Spark, and Docker), mainly using Python as a central language . Excellent analytical problem -solving skills, team player, and goal-oriented engineer . As a complement , I am an undergraduate and graduate -level lecturer , with strong academic background .

Qualifications:

Educational Background :

Master of Science in Finance , Universidad EAFIT, 2021
Bachelor of Engineering , Civil Engineering , Universidad EIA, 2018

Certifications :

Data Science For All, Correlation One, 2021
Deep Learning Specialization , Coursera , 2020

Spoken Languages:

English , B2+
German , A2+
Spanish , Native

Soft Skills:

Hardworking
Autonomy
Empaty

PROFESSIONAL EXPERIENCE

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| Industry sector : Finance | | |
| Senior Quantitative Analyst | | |
| 2021-04-12 – 2022-12-09 | | |
| Project descriptions: Development and deployment of several strategists based on quantitative and AI to measure risk and flow of portfolios. Currently researching causal AI to measure risk exposure on several pension funds. (Python, SQL and Pyspark) | Responsibilities: Data Engineering and Modeling Analysis on financial market data (Python, SQL). Cloud development on portfolio valuation and risk measure (GCP, BigQuery, DataProc, Google Kubernetes Engine). | |
| Programming Languages: Python, SQL, SPARK | Tools & Techniques: | Testing: |

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| Industry sector : Finance | | |
| Data Scientist and Data Engineer | | |
| 2020-10-01 – 2021-04-09 | | |
| Project descriptions: " Time-series modeling to forecast the number and location of loan placements, in partnership with one of the largest banks in Colombia. (Python and SQL) " Credit card | Responsibilities: Development and deployment of analytic solutions across different fields, as there are among. | |

customer classification based on transactional history to detect anomalies and possible disagreements between the customers and the bank.
(Python, SQL, and Pyspark/Databricks)

Programming Languages:

Python, SQL, SPARK

Tools & Techniques:

Testing: