Stephane KPOVIESSI

Data Analyst | Data Engineer

Available for a permanent position

SQL • Python • Power BI • Databricks

Commercial performance, KPIs, BI and data quality.

Contact

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github.com/EngineerProjects

Skills

Analysis & BI
Commercial KPIs, reporting, Power BI, Streamlit, Python/Pandas.

SQL & data
SQL, PostgreSQL, modeling, quality, controls, tests.

Pipelines & cloud
PySpark, ETL/ELT, Azure Databricks, Azure Data Lake, Airflow.

Industrialization
Docker, FastAPI, Git, CI/CD, process automation.

Education

JUNIA ISEN Lille
Engineering degree - Big Data & Data Science, 2026.

JUNIA ISEN Rabat
Bachelor's degree - Electronics & Digital Systems, 2023.

CPMS
Mathematics, Physics and Engineering Sciences, 2020 - 2022.

Certifications

Data Analyst Career Preparation
Microsoft / LinkedIn Learning • 2024

Data Analysis with Python
freeCodeCamp • 2023

Create ML Models in Microsoft Azure
Microsoft / Coursera • 2023

Languages

French - native
English - B2, Linguaskill Business

Leadership & associations

JUNIA ALUMNI
Network Committee

Vice President
Sept. 2024 - Aug. 2025
Led alumni network activities and professional events.

Communications Lead
Sept. 2023 - Aug. 2024
Managed announcements and promoted initiatives.

Profile

Engineering graduate in Big Data & Data Science, building data pipelines that produce reliable business indicators. At Allianz, I modernized SAS processing on Azure Databricks and achieved a speedup of over 8× on the measured workflow with identical memory capacity. I combine Python/PySpark, SQL, quality controls and reporting to make data usable by business teams.

Experience

Allianz France - Data Engineer / Data Scientist Nov. 2025 - Apr. 2026
P4D, Advanced Data & Climate - Paris

- Modernized an insurance datamart: analyzed 15,000+ lines of SAS and migrated processing to Python/PySpark on Azure Databricks, with 150+ business rules in a Medallion architecture.
- Achieved a **speedup of over 8× on the measured workflow** after migration from SAS to Azure Databricks, with identical memory capacity.
- Validated business indicators through geospatial data quality checks and automated SAS/Python parity and regression tests.

LYNE ET FRERES SARL - Data Analyst 2023 - 2025
Strategic support assignments - Benin / Remote

- Structured commercial, operational and agricultural data with Python/Pandas to track activity KPIs, volumes and trends.
- Developed reports and Streamlit dashboards to help business teams interpret results and identify discrepancies.
- Automated recurring data processing and supported users in reviewing and interpreting their reports.

Groupe Sylvagreg - Machine Learning Engineer May 2024 - Aug. 2024
Lille, France

- Developed an experimental 3D reconstruction solution from 2D images using photogrammetry and PyTorch generative models.
- Automated preprocessing and inference; deployed with AWS/Docker and a visualization interface to test and inspect reconstructions.

BI & Data Projects

BI RETAIL SOLUTION - PySpark, Airflow, PostgreSQL, Power BI, Docker
Built a sales and supply-chain reporting pipeline: PySpark transformations orchestrated by Airflow, a PostgreSQL warehouse and Power BI dashboards to track sales and product trends.
github.com/EngineerProjects/BI_Retail

Seshat - Python/Go, PostgreSQL/pgvector, RAG, Electron/React
Built an open-source Go agent runtime and a document retrieval pipeline to automate tasks and return source-backed answers, with access controls. seshat-ai.com

WASTE-COLLECTION ROBOT - AceObject - YOLOv8, OpenCV, Dijkstra
Developed a YOLOv8/OpenCV pipeline to detect and track waste separately from obstacles, with Dijkstra route planning for collection. Explored reinforcement learning for navigation decisions.