



COUTELIER MATHIS

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Data Scientist Junior / AI & Machine Learning / Development of automated solutions

SUMMARY

Junior Data Scientist passionate about building practical and robust AI solutions. Curious and detail-oriented, I thrive in dynamic environments where data is used to solve real-world problems. My experiences have enabled me to design and deploy production-ready tools combining NLP, data visualization, and intelligent automation.

PROFESSIONAL EXPERIENCE

Data Scientist Intern
Netsystem, Gardanne

Feb 2025 - Jul 2025

Development of advanced AI solutions to automate and secure business processes (GDPR, cybersecurity). Designed a RAG system using Copilot Studio and built an audit software (PyQt6) integrating a BERT-based classification model (Hugging Face Transformers), along with an interactive dashboard to monitor corrective actions. Full end-to-end project ownership: from business needs analysis to operational deployment.

Data Scientist Intern
Engie, Courbevoie

Jun 2024 - Aug 2024

Contributed to ENGIE’s compliance with the international Pillar Two tax regulation. Participated in the design and implementation of automated workflows in Dataiku for managing, processing, and validating tax and legal data. Worked closely with business teams to ensure industrialization and traceability of processes.

Factory worker
L’Occitane, Manosque

Jul 2021 and Aug 2023

Responsible for assisting in the manufacturing process of the brand’s high-quality beauty products.

EDUCATION

Engineering School in Data Science and Artificial Intelligence
ESIEE Paris, Noisy-le-Grand

2022 - 2025

French Preparatory Classes for Engineering Schools (MPSI/MP)
Camille Vernet, Valence

2020 - 2022

Scientific Baccalaureate
Lycée Val de Durance, Pertuis

2020

Aeronautics Initiation Certificate
Lycée Val de Durance, Pertuis

2020

SKILLS

Languages	Python, R, SQL, Java, C, HTML, CSS
Tools/ Frameworks	Visual Studio Code, Dataiku, Docker, Git, Copilot Studio
Databases	MongoDB, Supabase, Firebase, SQLite, PostgreSQL, MySQL
Other Skills	Scikit-learn, Hugging Face Transformers, PyTorch, Pandas, Numpy, PyQt, Flask, MLflow, Keras, TensorFlow, XGBoost...

PERSONAL PROJECT

Design and development of a comprehensive software for managing stock and crypto portfolios. Interactive dashboard, dynamic visualizations, performance analysis, budget management, and an integrated AI assistant. UI/UX design, external database, and chatbot connected to the database.
Technologies used: Python, PyQt6, PostgreSQL, Pandas, Matplotlib, n8n.