Lina Benzemma
Junior Data Scientist

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Data enthusiast with a strong background in machine learning, big data, and AI-driven solutions. Passionate about leveraging data to drive impactful decisions. Seeking a full-time Data Scientist position starting in September 2025.

Professional Experience

Sanofi - Data Scientist (Apprenticeship)   2024-2025
Vitry-sur-Seine, France
- Designed and optimized interactive R Shiny dashboards to support business decisions.
- Automated large-scale data workflows, reducing processing time by 30
- Conducted advanced statistical analysis to extract actionable insights from complex datasets.

IFPEN - Machine Learning Engineer (Internship)   2024 (5 months)
Vitry-sur-Seine, France
- Developed predictive ML models for landslide risk assessment using geospatial data.
- Improved model accuracy by implementing feature engineering techniques.
- Validated and optimized models for real-world deployment.

Auchan - Central Vault Management (Student Job)   2021-2024
Le Kremlin-Bicêtre, France

Education

Master 2 – MOSEF, Université Panthéon Sorbonne   2024-2025
- Advanced expertise in big data technologies: Microsoft Azure, Hadoop, Spark.
- Strong skills in data engineering and web scraping techniques.
- Mastery of machine learning and deep learning methodologies.

Master 1 – Applied Mathematics, Paris-Saclay   2023-2024
- Expertise in numerical optimization, statistical inference, and predictive modeling.
- Strong foundation in randomized algorithms and operational research.
- Experience in large-scale data processing and analytical methods.

Bachelor – Applied Mathematics, Sorbonne University   2020-2023

Academic Projects

Schizophrenia Prediction
Developed an ML model on brain anatomy data, achieving high AUC-ROC scores. Project

Cryptocurrency Volatility Prediction
Built a portfolio optimization model leveraging GRU, LSTM, and TCNN with FastAPI. Project

Bank Customer Attrition Prediction
Implemented an ensemble learning model (CatBoost, XGBoost, LightGBM) optimized for AUC. Project

Application Deployment
Designed and deployed data-driven applications using Python, Docker, Bash, and Streamlit. Project

Skills

Technical Skills: Python, R, RShiny, Scala, SQL, HTML, Spark, Hadoop, Hive, Docker, SAS, Tableau, Dataiku
Soft Skills: Problem-solving, adaptability, creativity, collaboration, strong analytical mindset

Languages

French (C2)   English (B2)   Arabic (C2)

Interests

traveling, creative arts, cinema