



MaaT Pharma is a late-stage clinical biotechnology company and a leader in the development of microbiome-based drugs designed to modulate the immune system of cancer patients and improve their survival. Backed by an expert team committed to making a difference for patients worldwide, the company was founded in 2014 and is headquartered in Lyon, France.

A pioneer in its field, MaaT Pharma reached a major milestone in January 2025 with positive topline results from its Phase 3 clinical trial evaluating its microbiome-based immunomodulatory drug candidate in oncology. Leveraging its proprietary pooling technology (combining donations of healthy microbiota) and microbial co-culture platform, MaaT Pharma is at the forefront of microbiotherapy—a new therapeutic class—and is initially focused on improving survival outcomes for cancer patients. MaaT Pharma has been listed on Euronext Paris (MAAT) since 2021.

Based in Lyon 7th, we are currently seeking a:

Data Engineer (M/F)

Open to candidates with disabilities

Job Description

As part of the Data Science team, you will play a key role in designing, optimizing, and maintaining our cloud-based data platforms, a critical asset supporting research, clinical studies, and predictive modeling. You will ensure the robustness, performance, and security of data flows while contributing to the evolution of our data architecture to support rapid company growth.

Your Main Responsibilities

- Contribute to the design and evolution of the global data architecture to support growth and future needs;
- Build, optimize, and maintain scalable data pipelines on Databricks (Delta Lake, PySpark), in collaboration with gutPrint® team);
- Implement and maintain CI/CD workflows (GitHub Actions) and automate via Infrastructure as Code (Databricks Asset Bundles);
- Establish standards for data quality, security, and compliance (GDPR, best practices) in collaboration with the QA and legal teams;
- Anticipate data volume and complexity needs and propose solutions to improve pipeline performance;
- Identify and evaluate new technologies or tools to enhance system efficiency and robustness;
- Collaborate with gutPrint® bioinformatics, IT and business teams to align data solutions with business and scientific objectives;
- Lead end-to-end data projects (planning, monitoring, reporting) in line with the company's strategic priorities;



Qualifications and Experience

- Master's degree (or equivalent) in Computer Science, Data Engineering, or related field;
- Confirmed experience (5–7 years) in Data Engineering, ideally in a cloud and big data environment;
- Proven experience in designing, developing, and optimizing complex data pipelines for predictive models and advanced analytics;
- Proficiency in Python, SQL, and distributed frameworks (PySpark);
- Expertise in Databricks, AWS, CI/CD, and Infrastructure as Code;
- Strong skills in data architecture design and pipeline optimization;
- Knowledge of relational and NoSQL databases;
- Fluent in English (written and spoken);
- Experience with omics data (genomics, metagenomics, transcriptomics) is a plus;
- Previous experience in biotech or healthcare or other regulated environment is a plus.

You are a strong communicator with excellent adaptability. You are known for your out-of-the-box thinking, energy, active listening skills, and proactivity, as well as a great team spirit—all qualities we value for this exciting opportunity.

If you're motivated to join a curious, human-sized team working in an innovative and entrepreneurial environment, we encourage you to apply by sending your CV and a brief motivation email to: careers@maat-pharma.com