

Job Title: Machine Learning (ML) Engineer – Environmental Science Focus [APPLY](#)

Location: Luxembourg, fulltime

METRICESAT is an early-stage startup. METRICESAT automates environmental risk assessment for financial institutions. Our mission is to empower financial institutions with reliable, quantifiable environmental risk and impact metrics for an investment. As part of our small, dynamic team, you will play a foundational role in pioneering a first-of-its-kind solution.

We are seeking a Machine Learning (ML) Engineer with a strong background in environmental science to develop and deploy ML models for an environmental data analytics platform. This role bridges the gap between environmental science and machine learning, focusing on building AI-driven models. The ideal candidate will have experience in machine learning for geospatial and environmental datasets.

Key Responsibilities:

- Design and implement ML models for environmental analytics
- Deploy models into production using cloud-based infrastructure (Azure ML, AWS SageMaker, or equivalent).
- Implement continuous training, monitoring, and improvement pipelines for ML models.
- Ensure model interpretability and compliance with financial and environmental regulatory frameworks.
- Optimize models for scalability, efficiency, and real-time decision-making.
- Deploy ML models into production using cloud-based infrastructure (Azure ML, AWS SageMaker, or equivalent).
- Cross-functional Collaboration

Required Qualifications & Skills:

- Master's or Ph.D. in Machine Learning, Data Science, Environmental Science, Remote Sensing, or a related field.
- 3+ years of experience in developing ML models for environmental, geospatial, or climate data applications.
- Strong knowledge of geospatial data processing (Google Earth Engine, remote sensing).
- Proficiency in Python and ML frameworks (TensorFlow, PyTorch, Scikit-learn).
- Experience with cloud-based ML deployment (Azure ML, AWS SageMaker, GCP AI Platform).
- Proven technical leadership and management qualities for extensive R&D
- Ability to adapt to change in an entrepreneurial environment.
- Excellent interpersonal and communication skills.
- Ability to work autonomously as well as part of a team.
- Proficiency in spoken and written English.

IMPORTANT: Already a resident in Europe or has European visa

Benefits

- Competitive salary
- Flexible hybrid work environment
- An independent role with a supportive and diverse work environment
- Possibility of stock option.