

Job Title: Experienced Risk Modeler [APPLY](#)

Location: Luxembourg, fulltime

METRICSAT is an early-stage startup. METRICSAT 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 an Experienced Risk Modeler Developer to design and implement quantitative models that translate environmental risks into measurable financial impacts ensuring alignment with industry standards and regulatory frameworks. The ideal candidate will have a strong background in financial risk modeling, ESG analytics, and quantitative methods, with expertise in integrating environmental risk factors into investment and portfolio management strategies.

Key Responsibilities:

- Develop models to assess the environmental risk in the context of finance industry
- Design methodologies for quantitative risk scores
- Collaborate with data engineers and environmental scientists
- Work with ML engineers to enhance risk models using AI-driven analytics and predictive modeling techniques.

Required Qualifications & Skills:

- Master's or Ph.D. in Quantitative Finance, Risk Management, Environmental Economics, or a related field.
- 5+ years of experience in risk modeling, or ESG analytics.
- Strong expertise in quantitative risk analysis, simulations, and stochastic modeling.
- Proficiency in Python, or other quantitative programming tools.
- Experience with sustainability impact assessment.
- Familiarity with financial risk regulations (Basel III, IFRS 9) and ESG disclosure standards (SFDR, TCFD, EU Taxonomy).
- 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.

Understanding machine learning techniques for risk analytics is a plus.

Benefits

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