

# MACHINE LEARNING ENGINEER



Full time



Louvain-la-Neuve,  
Belgium



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www.insens.eu



Our solution summarized  
in 90 seconds



## About us

Insens is an innovative young company that develops predictive maintenance monitoring and energy optimization solutions to reduce unplanned production downtime and to support industrial partners in a more sustainable and efficient energy use.



## About the role

As a medior or senior Machine Learning engineer, you play a major role in developing a high-quality predictive maintenance system for AC motors based on voltage/current data from our RED sensors deployed in the field. Here are some of the responsibilities that will be assigned to you

- You will perform data analysis on incoming data from our RED sensors deployed in the field, extract meaningful features and implement relevant graphical visualizations.
- You will design and implement Machine Learning techniques and algorithms in order to improve our predictive maintenance system.
- You will help analyze and diagnose potential faults arising on the industrial assets in collaboration with our asset specialists, and communicate clear advice to the customers.
- You will continuously build, improve, test and deploy our cloud data pipeline system.



## Candidate profile

- Master in Engineering or Computer Science
- 3+ years of experience working with Machine Learning and Data Science
- You have experience with Python, ML libraries (such as scikit-learn, PyTorch, etc), SQL, Spark, Pandas, ...
- You are familiar with unsupervised machine learning, ideally applied to anomaly detection
- You are familiar with the main concepts and best practices of MLOps.
- You are familiar with cloud services and infrastructure on AWS.
- You are fluent in French or Dutch, and English.
- Good entrepreneurial, adaptability, and achievement driven skills.

If you'd like to apply, go to <https://insens.eu/job-openings/> or contact us at job@insens.eu. Please do not hesitate to contact us for further information.

Attach your CV and tell us why you would be a great fit for our team.