

Melika Abedi

Data analytic_scientist

Contact

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I am excited to apply for the Data Science Internship at Goodyear in Colmar-Berg, Luxembourg, starting in early 2025. With a strong background in data analytics, programming, and applied machine learning, I am eager to contribute to your innovative projects in tire performance prediction, intelligent solutions, and business operations.

Currently pursuing a Master's in Business Engineering: Data Analytics at Ghent University, I have honed my skills in machine learning, statistical analysis, and programming with Python. My academic and professional experiences have enabled me to work with diverse datasets, benchmark models, and deliver actionable insights. Highlights of my expertise include:

- **Machine Learning & AI Projects:** Developed models like Random Forest, XGBoost, and Neural Networks for challenges such as predicting product return rates, achieving significant error reductions (e.g., from 1.11 to 0.084 MAE) using Python and R.
- **Business Intelligence and Reporting:** Worked with over 75 companies to implement ERP systems and deliver actionable dashboards and reports, demonstrating strong communication and teamwork in diverse environments.
- **Benchmarking and Optimization:** Conducted data analysis to optimize processes, such as identifying delays in e-commerce systems and predicting churn for fundraising organizations, driving data-driven improvements.

I am particularly drawn to the challenge of building machine learning models for mission profiling. My skills align well with this role as I have hands-on experience with Python's data science libraries (Pandas, NumPy, Scikit-learn), source control (Git), and computing tools like PySpark. Additionally, my ability to explain complex results to stakeholders and document findings ensures smooth knowledge transfer within teams.

Joining Goodyear's multicultural data science team presents an incredible opportunity to apply my expertise to real-world challenges while learning from your industry-leading innovations. I am confident that my proactive approach, technical acumen, and passion for data science make me a strong fit for this internship.

Thank you for considering my application.