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Green Fusion   ↗   ⋯

(Senior) Data Scientist (m/f/d) - Energy Tech Start Up

Berlin, Berlin, Germany · 1 month ago
Responses managed off LinkedIn

On-site   ✓ Full-time

⊖ No longer accepting applications

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About the job

Digitalization and energy transition in one sentence?

That's what we do at Green Fusion!

Our software optimizes heating systems in the real estate sector, **helping to combat climate change through digitalization and automation. We reduce emissions and energy consumption, actively advancing the energy transition.**

As a **(Senior) Data Scientist**, you'll support our Energy Optimization Team by developing production-ready algorithms that optimize heating system operations. With a basic understanding of heating systems and strong expertise in control technology, you'll bring essential insights to help us develop effective tools for energy optimization.

Tasks

- You **clean and analyze data** to identify patterns and trends, uncovering insights that drive our solutions.

- You **apply statistical techniques** to interpret data, ensuring the reliability and accuracy of your findings.

- You **build data models** to predict heating system behavior and patterns using advanced analytics and machine learning.

- You **develop production-ready algorithms and data pipelines** to optimize energy system components, reduce CO_2 emissions, and enhance energy efficiency.

- You're **responsible for the full development cycle of product features** — from understanding customer requirements to final deployment — collaborating closely with energy engineers, frontend and backend developers, and product and customer success managers.

- You **analyze experimental data** to refine and improve energy optimization algorithms.

- You **present your findings** in a clear, concise, and understandable way.

- You **support the team in creating data models for predicting energy time series data** (e.g., heat demand, solar production, electricity consumption) and in **optimizing energy systems using machine learning techniques**, including supervised, unsupervised, and reinforcement learning.

Requirements

- You are **familiar with full product lifecycles** — from feasibility studies and requirement engineering to production-ready tool development, code reviews, feature deployments, and ongoing maintenance and improvement.

- You bring **strong skills in statistics, data modeling, data analysis, and machine learning.**

- You have an **educational background in electrical engineering, mechanical engineering, physics, computer science, data science, or mathematics** — with a solid foundation in energy technologies.

- You have **expertise in developing prediction models and working with energy time series data.**

- You are proficient in **Python, SQL, GraphQL, and REST**, and you work confidently with data science libraries like **Pandas, SciPy, and Scikit-Learn**. *Experience with Machine Learning Operations (MLOps) is a plus.*

- You have **hands-on experience with version control systems like Git** and follow collaborative coding practices.

- You are **familiar with testing frameworks and quality assurance processes** to ensure robust, reliable product features.

- Your **code is clean, well-structured, maintainable**, and easy for others to understand and build upon.

- You are **comfortable collaborating and communicating effectively** with energy engineers, developers (frontend and backend), and customer success managers.

- You have a **strong understanding of customer needs** and know how to translate them into technical solutions.

- You are **fluent in English** and have a basic command of German.

- You are **living in Berlin.**

Benefits

🏠 **Flexible working hour models, home office,** and **remote work**.

💡 **Ongoing training opportunities** – whether through job challenges, our open feedback culture, or sponsored training programs, there are always opportunities to learn and grow.

💼 **Employee benefits** such as Urban Sports Club or Become1.

🏁 **Direct impact through your job** – with us, you can actively contribute to the energy transition and fight against climate change every day.

💚 **We value our team** – that's why regular team events are very important to us.

🙌 **The best team that Berlin has to offer** – and maybe even beyond. Don't believe it? Then find out for yourself and apply now!

While we are still considered pioneers today, we can soon dominate the market with you! First in the DACH region, then throughout Europe.

You can expect a **motivated, open-minded, and dynamic environment that is passionate and ambitious about actively shaping the energy transition** – a goal that can only be achieved together!

We look forward to your application – Fernanda will get in touch with you!

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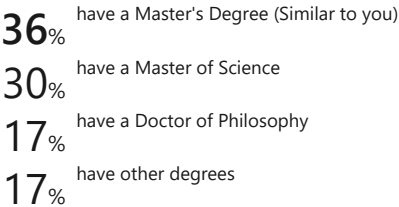
PREMIUM
❓

Exclusive Job Seeker Insights about Green Fusion

The latest hiring trend

78
Total employees

▲ **160%**
Company-wide
2 year growth

Oct 2023 — Apr 2024 — Oct 2024 — Apr 2025 — Oct 2025
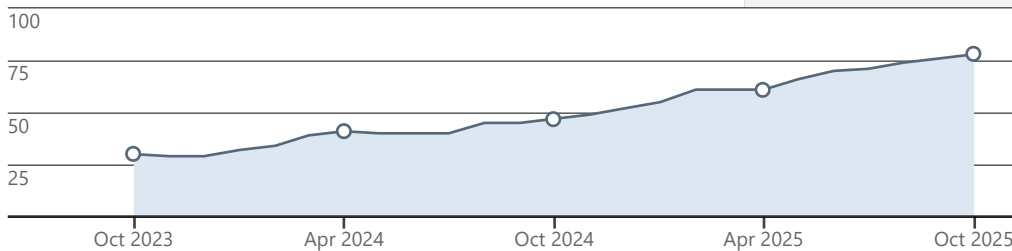
🕐 Median employee tenure · **1.3 years**

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Germany (Remote)

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Endava
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2 days ago

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Germany (Remote)

🕑 Company review time is typically 1 week

4 hours ago · 🔗 Easy Apply

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