

FROM COMPLEXITY TO CLARITY

At lyfX.ai, we are dedicated to unlocking the full potential of data in complex environments. Specializing in Machine Learning (ML) and Artificial Intelligence (AI) implementation, as well as advanced data analysis, we deliver solutions that turn data into actionable insights.

Our approach combines sophisticated AI technologies and data analysis with long experience and operational expertise. Our methods are particularly effective in scenarios where traditional analysis techniques prove inadequate.

- Unsure how to harness the power of AI? Let us guide you and avoid both common as well as subtle pitfalls.
- Leverage cutting-edge tools like generative AI and large language models to stay ahead in your industry.
- Complex Statistical Analysis: Unlock the full potential of your data with our expert analysis.
- Management of Large Datasets and Databases: Efficiently handle and interpret extensive data sets to drive informed decision-making.

TEAM

Dr. Andre Moreira has over 20 years of experience leading teams in the Chemicals, and AgTech sectors. His work has taken him across Europe, the USA, and Asia, where he has combined a data-driven approach with practical business focus. Equally comfortable in large-scale corporate settings and agile start-ups, Andre's diverse experience allows him to navigate complex business landscapes; his background in theoretical physics helps him find innovative solutions to complex problems, enabling clients to navigate even the most demanding situations.

Prof. Peter Lenz has over 25 years of experience in theoretical physics, with a particular focus on modeling complex systems at the intersection of physics and biology. His research involves the use of modern AI and big data techniques to understand a variety of systems, ranging from bacteria to cancer and environmental systems. In addition, Peter has spent over six years working as a freelance consultant in the agriculture and finance sectors, transferring his theoretical knowledge into practical applications.

EXPERTISE

Data and Artificial Intelligence

- Generative AI
- Complex statistical analysis
- Large datasets ("big data")
- Large Language Models

Tools

- Python
- OpenAI and open source LLMs
- SQL and noSQL databases

CASE STUDY

PolicyPulse: AI agents that identify, track and analyze legislation, regulation and policies

Together with partners with deep legal and policy expertise, we are developing AI agents to identify, track and analyze legislation, regulation and policies, offering users a cost-effective solution to stay informed and be proactive.

Our first specialized AI agent is called "ECJ Today", which is currently in the testing phase. The tool focuses exclusively on the jurisprudence of the Court of Justice of the European Union (CJEU). Our second specialized agent is "Topic Monitor", which will launch as a beta version in May 2024.

We are developing further specialized agents as part of an ecosystem of agents that, together with a coordinating "conversable agent", will form PolicyPulse's core products.