

Innovate with Intelligence: Our research and development topics

Our product portfolio

- **Conversational Assistant:** Knowledge-enhanced conversational assistants (combining GenAI and KnowAI to solve limitations of LLMs in knowledge intensive tasks)
- **PADME:** Distributed Data Analysis Infrastructure for Federated Learning based on the proven Personal Health Train approach
- **SASP:** A tool and process to support security experts in their transition from in-house custom playbooks to standardized, automatable, and shareable building blocks and best practices.
- **Federated Data and Service Catalogue:** Trustable management of domain-specific data and service offering metadata, enabling interoperable data sharing and exchange across digital ecosystems, based on the Eclipse XFSC open source project.
- **Human-centered Continuous Trainings:** Transform your organization's approach to learning and development with our tailored, people-focused programs, e.g., in Data Management, Process Mining, FAIR Data and Large Language Models
- **Advisory Services:** Step-by Step approach for implementing AI solutions, Expert guidance on Generative AI, Distributed Data Analytics, Privacy/Security in AI, Data Space Design and Implementation, Roadmaps for Digital Transformation, Innovation & Technology

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Ignite Data-Driven Innovation
with Fraunhofer FIT

Empower your Business
with Data Science and
Artificial Intelligence



Empower your Business with Data Science and Artificial Intelligence

Discover how our expertise at the forefront of innovation in intelligent Data Management and FAIR Data, Large Language Models, Data Protection and Sovereignty, Process Mining, Human-centered continuous training, and AI-driven Automation can revolutionize your business.

Partner with us to unlock insights and drive smarter decision-making today.

Our expertise at a Glance

- **Data Management and Engineering:** Harnessing cutting-edge techniques to organize, analyze, and derive insights from vast datasets.
- **Large Language Models:** Utilizing advanced linguistic models connected to your enterprise data through Knowledge Graphs to extract nuanced information and enhance data understanding.
- **Data Protection and Sovereignty:** Ensuring the security and privacy of your data assets while maintaining compliance with regulations.
- **Process Mining:** Extracting valuable insights from business processes to optimize efficiency and streamline operations.
- **Human-centered Continuous Training:** Empowering your team with tailored education programs to enhance data literacy and maximize impact.
- **AI-driven Automation:** Implementing innovative solutions to automate processes and drive efficiency in diverse industries.

Why Choose Us?

- **Bridging Research and Industry**
We specialize in bridging the gap between cutting-edge research and practical industry applications in Information Technology.
- **Innovative Approach**
Drawing from our deep research expertise, we excel in developing creative and forward-thinking solutions to complex challenges across various domains, including manufacturing, logistics, healthcare, and more.
- **Collaborative Partnership**
We work closely with clients to understand their unique challenges and goals, ensuring that our solutions are not only innovative but also precisely aligned with their vision and requirements, maintaining a commitment to vendor neutrality throughout the process.