Unlock the Power of AI-Driven Data Insights

—

AI Agents for Data Analytics

Harness the power of advanced data analytics with our cutting-edge AI agents, combining Large Language Models and Knowledge Graphs for seamless automation. Effortlessly analyze time series data, uncover valuable insights, and make smarter decisions. Transform raw data into actionable insights and utilize domain-specific facts to simplify and optimize data analysis in your company.

Simplify. Optimize. Transform.
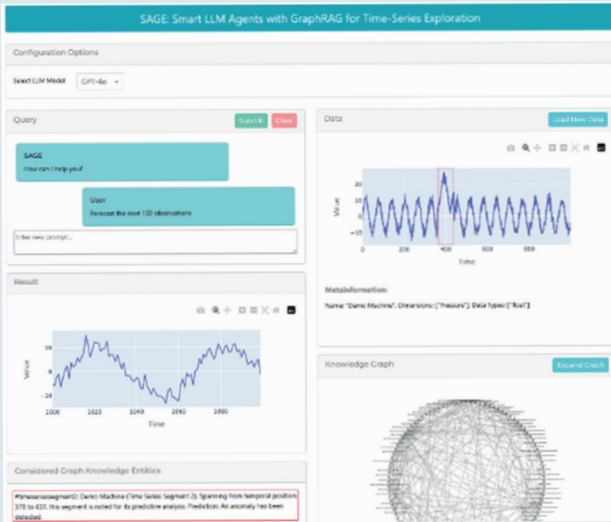
Gain insights into your data – Accessible to everyone

Make use of a generic framework that fits your needs
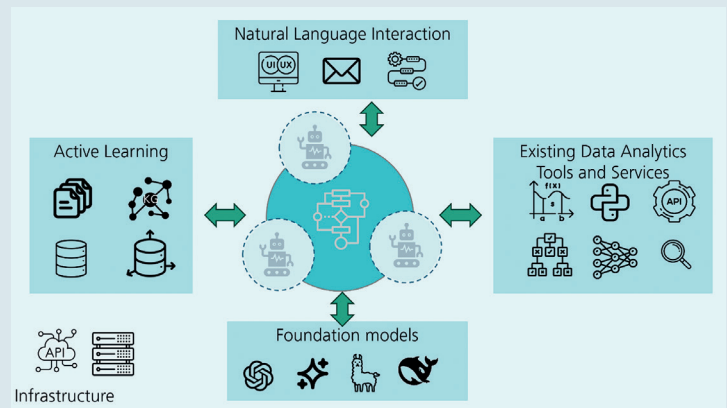
Transform Data into Dialogue: LLM-powered Insight Generation

Industrial companies generate vast amounts of data from IoT devices – but are you fully harnessing its potential? Extracting actionable insights from complex data requires smart and easily accessible analytics for all stakeholders, regardless of expertise. Inefficient processing can slow down decision-making and weaken competitiveness.

Aligned with recent advancements in natural language processing and AI, our solution seamlessly integrates Large Language Models with Knowledge Graphs for powerful data analytics. By combining domain expertise with continuously evolving knowledge, structured through a custom-built ontology, we ensure precise, context-aware analysis. Our solution boosts efficiency by automating data analysis, reducing time and resource demands. Users of all expertise levels can easily ask analytical questions in natural language, from simple forecasts of future data trends to complex anomaly detection. With intelligent AI model selection and continuous knowledge updates, our system ensures highly accurate, industry-specific insights. Our AI agents for data analytics empower businesses to effectively process IoT data, transforming raw information into valuable, actionable intelligence.

The result? Optimized operations, smarter decision-making, and a strong competitive edge in today's fast-paced industrial landscape.

Key Features

- **Advanced Data Processing** – Analyze complex datasets with speed and precision.
- **Automated Insights** – Generate meaningful and actionable insights effortlessly.
- **Natural Language Interaction** – Query data and receive responses in human-like language.
- **Seamless Integration** – Compatible with existing data platforms and tools.
- **Adaptive Learning** – Continuously improves to meet evolving analytical needs.

Get Started Today! Transform the way you analyze data. Contact us for a demo and discover how AI Agents can empower your organization.

Contact

Prof. Dr. Christian Beecks
Phone +49 2241 143-612
christian.beecks@fit.fraunhofer.de

Department
Data Science and Artificial Intelligence

Fraunhofer Institute for
Applied Information Technology FIT
Schloss Birlinghoven
53757 Sankt Augustin | Germany
www.fit.fraunhofer.de