

Data Analysis

Driving innovation with data and artificial intelligence

The path toward becoming a modern **data-driven organization** requires AI, Machine Learning and digitization. To function well, these tools must have high quality data which is deployed into optimized data structures. Generating such data and creating these structures is a common block for companies becoming a data-driven organization.

Our **expertise** and **proven technologies** enable us to bring you through these initial steps quickly and sustainably.



Our Expertise

Data Strategy

We start with an examination of the existing data assets and an understanding of your corporate vision. Our focus is to minimize cost, reduce development time and avoid pitfalls later in the process.

- Review existing data products
- Document system landscapes and data streams
- Optimization requirement estimation
- Present a set of technically feasible option

Data Management

We will build the tools needed to bring data analysis and interpretation to the core of your business process.

- Visualization
- AI driven analysis
- Real Time Data Monitoring
- Customized dashboards for process management
- Automated capture and transformation of big data into usable metrics:
 - Selection
 - Cleansing
 - Integration
 - Modeling
 - validation of data

Data Production

Set in place data processing technologies and continual processes to unlock cost savings over the long term.

- Predictive maintenance algorithms driven by sensor data
- Feature extraction from large data sets
- Classification and recommendation systems built with machine learning
- Digital Twin creation and ongoing simulation
- Natural language processing
- Cloud service integration

The Right Solution For Every Stage

Starter



Advice on developing strategies for the efficient use of data

- ✓ Digital assessment
- ✓ Digital business models
- ✓ Data strategy

Optimizer



Support in the analysis and visualization of data as a basis for decision-making

- ✓ Data analysis
- ✓ Business Intelligence
- ✓ Big Data

Implementer



Acquisition of data and development of solutions with state-of-the-art technologies

- ✓ Data enhancement
- ✓ Data production
- ✓ Software engineering

Tools, Technologies & Frameworks

We measure success in saving customers resources both immediately with an **improved data processing pipeline** and in the long term by keeping them **free from costly proprietary tools**. That is why we develop our solutions based on the open **CRISP DM framework** and leverage independent and **open source tools** wherever possible. We use tools such as **Power BI** or **Grafana** to visualize the data in interactive dashboards. Further, we incorporate components in a modular fashion, maximizing customer flexibility into the future.

A selection of other tools we work with:



Machine Learning

- ✓ Custom built with PyTorch
- ✓ Open Source models:
Natural Language Processing (NLP): Llama, DeepSeek, BERT
Image: YOLOv11
- ✓ Proprietary:
ChatGPT, Claude
- ✓ Retrieval Augmented Generation (RAG) for NLP models

Data Engineering

- ✓ Open Source:
Kubernetes, Apache, Spark, Apache Flink, Apache, Kafka
- ✓ AWS:
Glue ETL, Kinesis Streams

Discover Untapped Potential

Together we will uncover untapped potential and increase your competitiveness.
Contact us now without obligation to discuss your individual options..

Increase in
efficiency

Flexibility
and agility

Cost
reduction

Driving
innovation

Competitive
advantages

Data-driven
decision making

Our Way of Working

innovative • interdisciplinary • iterative • agile • solution-oriented • independent • in partnership

We Write Success Stories

We have created over a hundred tailor-made solutions for successful data & digitization projects.

➤ [Learn more here.](#)

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www.linova.de

Linova Software GmbH

Your partner for IT consulting and
software development

Munich
Ungererstr. 129
80805 Munich

Stuttgart
Welfenstr. 19
70736 Fellbach



Your contact person:

Sandra von König
Senior Sales Manager

Tel.: +49 89 4524668-21
Phone: +49 176 45552391
Mail: sandra.von.koenig@linova.de