Visplore

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Visplore

Technology for custom analysis solutions.
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Visplore is a software technology for quickly implementing custom analysis solutions for large, structured data volumes. Visplore-based applications are regularly used in the energy sector, industrial quality management, engine development, and health economics, among other sectors. For example, Visplore enables to identify the causes of quality defects within minutes, and to improve power consumption forecasts, resulting in significant savings.

Visplore offers flexibly combinable visualisations, which enable even users without detailed knowledge of statistics to have a completely new type of real-time dialogue with their data – more in-depth than conventional business intelligence solutions and more accessible than statistics software. Typical application examples range from data plausibility checks and preparation to modelling, sensitivity analysis, multi-objective optimisation and presentation. Pre-defined dashboards enable users to benefit immediately, while dynamically configurable views, filters and calculations offer optimum flexibility. In this way, you receive answers in a matter of seconds, even for millions of data rows. In addition to conventional diagram types, unique visualisation methods which have received awards at international conferences are provided for the analysis of high-dimensional data, non-linear dependencies and many additional challenging problems. As a result, you can use the increasing amounts of data to identify optimisation potential and to make sound decisions.

**The tangible benefits**

- **Save time** during plausibility checks, preparation and modelling
- **New insights and findings** thanks to a direct dialogue with the data
- **Better models** due to comprehensive model validation
- **More confident decisions** as well as more in-depth knowledge of data
- **Simplified communication and justification of conclusions** thanks to interactive graphics

**Unique selling points**

- More in-depth than business intelligence solutions and easier than statistics software
- Unique visualisation of challenging problems and complex data
- Intuitive interaction and a high level of learnability
- Answers in real time, even for millions of data rows
- Possibility of detailed analyses
- Technology creation and implementation of custom dashboards from one source

**A selection of our references**

![Different possibilities of visual data analysis.](image1)

![Analysis of the deviation of a quality indicator from the setpoint in different views, e.g. over time, averaged per order, distribution per batch etc.](image2)