INFOMOTION AZURE TAILORED DATA PLATTFORM

UNLEASH THE POWER OF YOUR DATA

Have you heard of the INFOMOTION Azure Tailored Data Platform? Enter the age of the cloud the smart way with our modular system with additional accelerators.

AZURE DATA & AI

The huge range of diverse services for big data, machine learning, and AI is changing from day to day. Based on the insight that we have gained from our projects, we have developed a framework that we continually further develop and supplement with accelerators: the INFOMOTION Azure Tailored Data Platform. Benefit from our experience, build a flexible architecture for your future analytical data platform, and join us on our fast and systematic journey into the cloud.

With the INFOMOTION Azure Tailored Data Platform, you get:
› a flexible, future-proof architecture for your data analyses, action recommendations, and predictions, such as predictive maintenance, churn prediction
› end-to-end cut from the data source to the frontend with Azure Data & AI Services
› training measures in the fields of data engineering and data science

We will coach you from the integration, preparation, and filing of all needed data sources up to the refinement in various dashboards, reports, and third-party systems as well as analytics and AI scenarios. With our optional INFOMOTION training program with modules for Python, Spark, data science methods, etc. you can reinforce your team's platform handling skills.

WITHIN 14 WORKING DAYS, YOU WILL RECEIVE A VALIDATED, READY-TO-USE CONCEPT FOR YOUR NEW DATA AND AI PLATFORM.

Kick-off
› One-day workshop to elaborate your use case and determine requirements and goals
› Determination of the data sources, target indicators, and technical architecture
› Establishment of custom-tailored Azure services and connection of your data

Development and Testing
› Incremental development of the data pipelines
› Storage of the data in the data warehouse or data lake
› Modeling and provisioning of the data for reporting and analytics
› Test with the users

Conclusion/Debriefing
› Review of the created platform
› Matching of the pilot project with the actual criteria
› Outlook on potential further development steps

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INFOMOTION
we love data

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YOUR QUICK START INTO THE DATA WORLD OF THE MICROSOFT CLOUD

SCENARIOS OF THE AZURE TAILORED DATA

STREAMING

The use of log data, events from third-party systems, or IoT data as well as the analysis of streaming data enable various use cases:
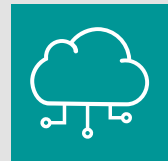
› Alerts (anomalies, thresholds, or text-based)
› Live status (business and application monitoring)
› Live proposals and automation

To be able to react to new data with low latencies, the Azure Tailored Data Platform can make use of a high bandwidth of transportation mechanisms: from daily import to streaming in the millisecond range.

EDGE COMPUTING

Do you have concerns about seeing your data in the cloud? Are you reluctant to be dependent on the cloud, and would you prefer to be able to work offline as well? Do critical data need to be filtered or do the data need to be compressed before they enter the cloud? Do you want the reaction to new data to have low latencies, and is the replication in the cloud necessary, e.g. for training a machine learning model for precisely these reactions? If so, edge computing is what you are looking for.

DATA SCIENCE

The collected data can be used in various ways:

› Forecasts and simulations
› Predictive maintenance
› Anomaly detection, spam filter, and fraud detection
› Recommendation systems
› Root cause analysis

In the context of a workshop, the potential can be explored, ranging from minor time savings to new business models.
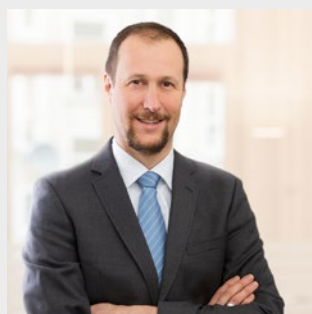
DIGITIZATION MEANS TO LINK SYSTEMS

By means of a flexible infrastructure, data from various systems can be interconnected. This can include SAP systems as well as external services that can be addressed via APIs, or other databases.

In this way, the platform can be used as a central analytical platform or alongside a DWH. The integration of various sources and formats makes data usable and turns them into information.

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