datentreiber®

Designed for: Designed by: Date: Version:

Data Management

Data Availability

How do we make data simple, fast and consistent available to as many employees as possible (considering data privacy and data security)?

Measures

Exemplary measures improving data availability are the implementation of self-service tools as well as providing corresponding training for these.

People

People taking care of data availability are e.g. employees working in the Business Intelligence department, data engineers or data citizens.

Tools

Tools improving data availability are e.g. data warehouses, data lakes, internal data marketplaces, KPI dictionaries or self-service BI tools.

Offensive

Data Privacy

How do we protect personal data of our customers, employees and partners from unauthorized access and usage?

Measures

In the E.U., required measures are e.g.dictated by the General Data Protection Regulation (GDPR). For example a data privacy statement, employee trainings and many more. Data privacy also requires data security.

People

Companies can and, if applicable, must appoint an internal or external data privacy officer.

Tools

E.g. checklists for employees or analytical applications for detecting tracking tools on the company web page can support data privacy efforts.

Data Landscape

Which data sources require the application of data management to enable and secure the utilization of its data? Examples are CRM, ERP, web logs etc.

Tools

E.g. data validation tools or tools for detecting data anomalies can help managing data quality.

People

E.g. data stewards are responsible for data quality. Often a business manager or a database administrator is taking over this role.

Data Quality

How do we ensure and improve the quality of our data? Data quality consists of the amount of data, its variety, integrity, completeness, representativeness, currentness as well as many other factors.

Measures

To improve data quality, incoming data should be checked, missing data complemented, e.g. by buying additional data, and audits should be conducted.

Tools

Exemplary tools are backup tools, blockchain applications, logging systems etc.

Defensive

People

People responsible for data security are e.g. IT managers or external security experts.

Data Security

How do we protect our data landscape against data loss, data manipulation and data misuse?

Measures

Exemplary measures are the logging of data access, the maintaining of audit trails, access restrictions as well as regular data backups.

We drive your business forward.

Designed by: Datentreiber GmbH
Produced by: stattys.com | 381-DATR412

This material is licensed under the Creative Commons Attribution-Share Alike 4.0 International license.
To see a copy of of this license, visit https://creativecommons.org/licenses/by-sa/4.0/.

datentreiber.de