Become an Agile Company with the SAP Data Warehouse Cloud

Digital strategy changes with the SAP Data Warehouse Cloud

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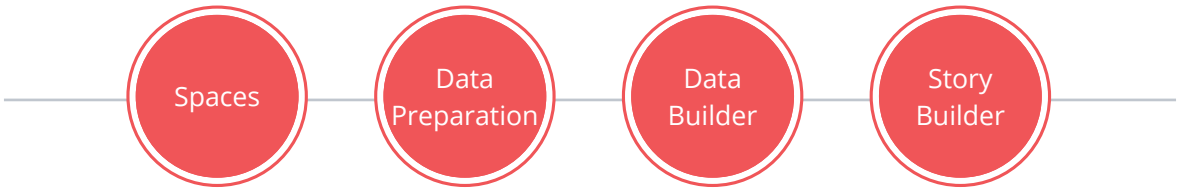
With the release of the SAP Data Warehouse Cloud, SAP has another product in its portfolio that should close the gap in SAP's cloud strategy between SAP HANA as database and the SAP Analytics Cloud. It is a Software-as-a-Service solution that unites all data sources, ensures their security and semantic correctness, and offers easy-to-expand analyses for the data. This is SAP's answer to its customers' needs for a simple, central, and agile solution that didn't exist as such with the other data warehouse solutions.

The data warehouse is based on a HANA database. That's why users can take advantage of all the benefits of the HANA technology. For example, thanks to the in-memory system, real-time analyses for quick operative management are possible without a fuss.

Areas of application

The SAP Data Warehouse Cloud makes sense for very small companies and large companies with thousands of employees, for its storage and computing power can be adjusted flexibly to suit the company. Therefore, and because a cloud solution is ready to use quickly without time-consuming installation, it can help reduce costs.

Data modeling in the SAP Data Warehouse Cloud



The 4 data modeling components in the Data Warehouse Cloud

We regard the SAP Data Warehouse Cloud as a viable alternative for company-wide data warehousing in the cloud, especially for small and medium-sized companies. For larger companies, it presents new opportunities for taking self-service analytics to a new level. Specialized departments can have more freedom and work independently of IT if the concern is connecting new data sources, modeling individual data models, and analyzing them.

Data modeling

With regard to data modeling, the SAP Data Warehouse Cloud has dared to take a new step, for it introduces a new work environment, the so-called spaces. Spaces map the departments at the company virtually. With spaces, it is possible to construct and test new use cases without disturbing the company's operations. The data loaded into the space is then prepared in the data preparation and related with an entity-relationship model. Then the data is modeled in the data builder and transformed, in order to be visualized and analyzed by the story builder in the last step. The story builder is integrated into the SAP Analytics Cloud, so that no change between the tools is required.

Benefits

The greatest benefit is the simplicity and flexibility when interacting with the cloud. Thanks to the Software-as-a-Service model, costs can be kept low and implementation times short.

Another benefit is the connection to SAP HANA. This is how the SAP Data Warehouse achieves incomparable speed and becomes a hybrid warehouse due to cross applications.

Key capabilities of the SAP Data Warehouse Cloud

The 5 key capabilities of the SAP Data Warehouse Cloud and the benefits it brings

Real-time analyses across company boundaries are possible.

Thanks to the introduction of natural processing language into the Data Warehouse Cloud, it is possible to change data with natural language without having to learn a new programming language such as SQL. Thus, the business and data layers in particular are brought closer together at companies.

valantic's expertise

We advise and assist companies with implementation of the Data Warehouse Cloud. In the process, we start by taking a look at the organization in question, with a requirements analysis, and we help make decisions about the appropriate configuration. Then we set up the cloud according to the customer's requirements and processes, configure additional analyses, and help get started with the Data Warehouse Cloud through goal-oriented trainings.

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