Data in a Minute

Where data management concepts are explained in under a minute

Data Extraction

Data Extraction

What is Data extraction?

Data extraction, though a seemingly simple concept, is often more than just getting data out of a system.

Data extraction requires a careful analysis of the various applications involved, a consolidation strategy, closely involves business participation, and should be preceded or succeeded by some basic profiling efforts.

Extracted data should be moved into a staging area, known as the 'silver instance', which will be the input to data quality activities such as cleansing, standardization and validation. Once cleansed, the clean data moves into a 'Gold' instance which can be used for migrations & data lake or repository creations for analytics.
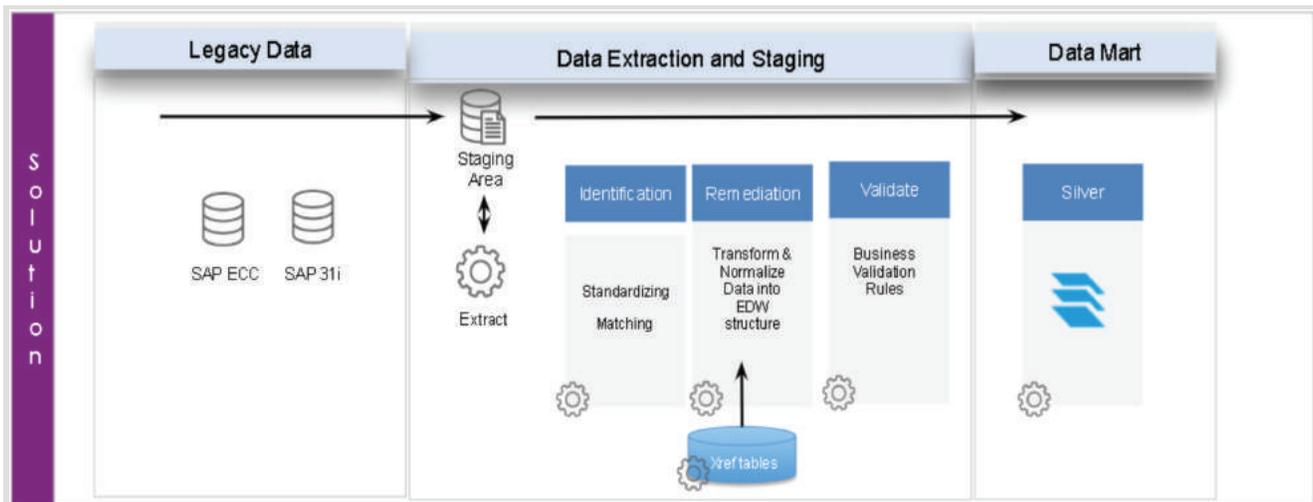
Smart Data Platform™

dataZap™

dataZap's pre-defined extract adaptors ('data objects') enable the extraction of master data, setups, transactional data, and metadata from applications which expedites the extraction process and reduces reliance on developing custom code, which is cumbersome and often prone to errors.

dataZap's adaptors support multiple connection methods such as Web Services (REST, SOAP), JDBC, JSON, XML, Excel, Flat Files, BAPI, OData, MQ, JMS Queues etc., and can extract data from various databases (DB2, Oracle, S/4Hana, Informix, Postgres, MS SQL, Progress, Sybase, and more) as well as Big data sources (MongoDB, Cloudera Impala, Hortonworks, Hadoop, Snowflake, Redshift, Teradata, Elastic Search etc.), and Sensor data.

Below is an example of a data extraction into the data mart (silver instance):

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Nearing a decade in ChainSys, he has also had experience in key sales & pre-sales roles and is a respected subject matter expert in the ERP space.

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