

Database chapter 10



**ASSIGN
BUSTER**

AggregationThe process of transforming data from a detailed level to a summary level

Changed Data Capture (CDC)Technique that indicates which data have changed since the last data integration activity

Data FederationA technique for data integration that provides a virtual view of integrated data without actually creating one centralized database

Data GovernanceHigh-level organizational groups and processes that oversee data stewardship across the organization. It usually guides data quality initiatives, data architecture, data integration and master data management, data warehousing and business intelligence, and other data-related matters

Data ScrubbingA process of using pattern recognition and other artificial intelligence techniques to upgrade the quality of raw data before transforming and moving the data to the data warehouse. Also called data cleansing

Data StewardA person assigned the responsibility of ensuring that organizational applications properly support the organization's enterprise goals for data quality

Data TransformationThe component of data reconciliation that converts data from the format of the source operational systems to the format of the enterprise data warehouse

Incremental ExtractA method of capturing only the changes that have occurred in the source data since the last capture

JoiningThe process of combining data from various sources into a single table or view

Master Data Management (MDM)Disciplines, technologies, and methods used to ensure the currency, meaning, and quality of reference data within and across various subject areas

Refresh ModeAn approach to filling a data warehouse that involves bulk rewriting of the target data at periodic intervals

SelectionThe process of partitioning data according to predefined criteria

Static ExtractA method of capturing a snapshot of the required source data at a point in time

Update ModeAn approach to filling a data warehouse in which only changes in the source data are written to the data warehouse

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