

# Data warehouse

## Definition

A data warehouse is a central [data storage](#) for managing structured data.

## DDDM

- An integrated, centralized decision support database and the related soft-ware programs used to collect, cleanse, transform, and store data from a variety of operational sources to support Business Intelligence. A Data Warehouse may also include dependent [data marts](#). (DAMA-DMBOK Guide, 1st edition, pg. 197.)
- A subject oriented, integrated, time variant, and non-volatile collection of summary and detailed historical data used to support the strategic deci-sion-making processes for the corporation. ("What is a Data Ware-house?" W.H. Inmon, Prism, Volume 1, Number 1, 1995)
- A copy of [transaction data](#) specifically structured for query and analysis. (Ralph Kimball, The Data Warehouse Toolkit, pg. 310.)

## Note

A data warehouse makes it easy to store and manage large amounts of data, and to run complex queries against the data.

## Relation

Data warehouse	is child of	<a href="#">data storage</a>
Data warehouse	has subset	<a href="#">data mart</a>

## Reference

Rani, Isha (2023). [Key data terms explained](#). LinkedIn Post.

All, DDDM

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