

# Data architecture

## Definition

Data architecture is the [blueprint](#) that defines how data is managed (stored, organized, integrated, and accessed) within an organization.

## DMBOK2

Data architecture is identifying the data needs of the enterprise (regardless of structure), and designing and maintaining the master [blueprints](#) to meet those needs.

## Note

Other definitions of data architecture:

- The [blueprint](#) for managing data assets by aligning with organizational strategy.
- The description of the structure of an organization's logical and physical data assets and data management resources.
- A [framework](#) for managing data.

## Purpose

The purpose of data architecture is to establish strategic data [requirements](#) and designs to meet those [requirements](#).

## Relation

Data architecture	is child of	<a href="#">blueprint</a>
Data architecture	is an element of a	<a href="#">data value management system</a>
Data architecture	is an element of a	<a href="#">data quality management system</a>

## Reference

- What is data architecture? A framework for managing data | CIO. CIO | The voice of IT leadership. (n.d.). Retrieved March 11, 2023.[Internet page](#)
- Data architectuur. Werkgroep Maturity van DAMA-NL. [Two pager](#)
- Gandi, Manisha (2023). Data Architecture as Foundation of Digital Transformation/ [LinkedIn](#)

From:  
<https://datamanagement.wiki/> - **Data Management Wiki**

Permanent link:  
[https://datamanagement.wiki/data\\_utilization\\_management\\_system/data\\_architecture?rev=1697550259](https://datamanagement.wiki/data_utilization_management_system/data_architecture?rev=1697550259)

Last update: **2024/03/08 13:33**

