

10 Words You Should Know

# Data Vocabulary



[www.linkedin.com/in/azdine-bahloul-604a641b3](https://www.linkedin.com/in/azdine-bahloul-604a641b3)

1

# Data Fabric

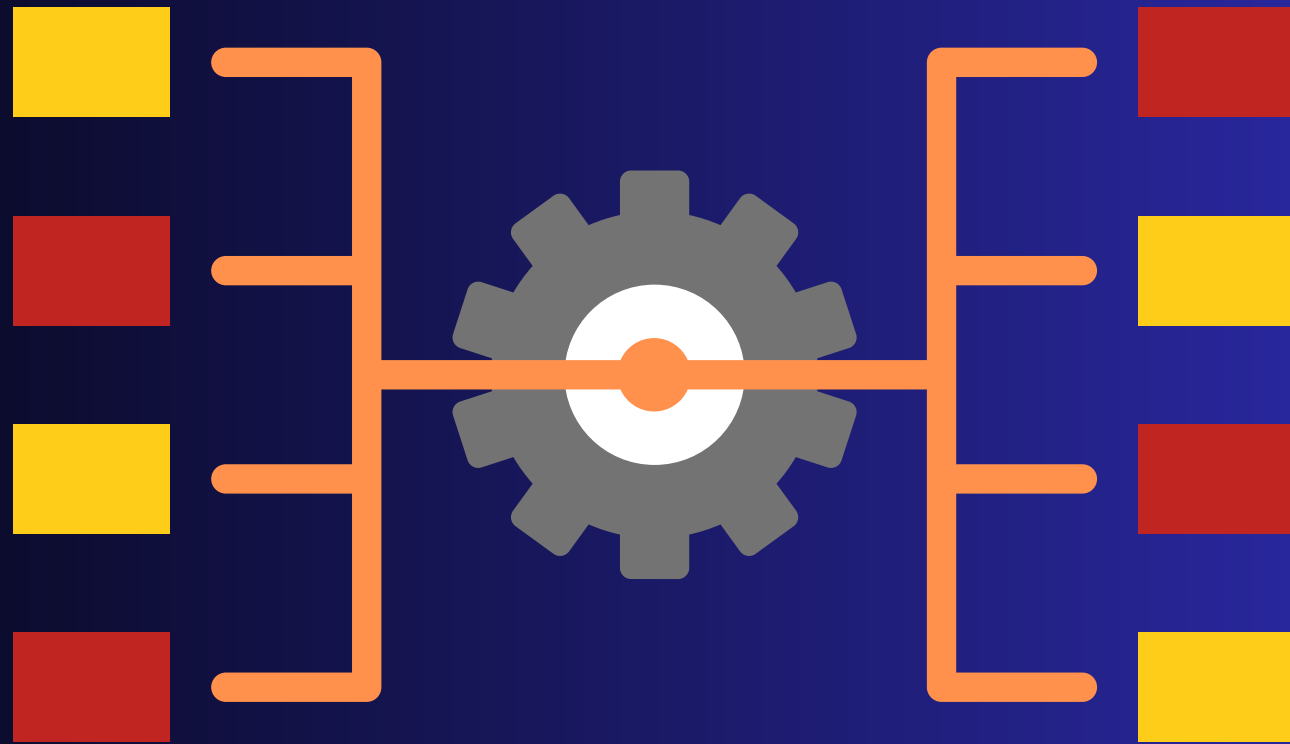


**Data Fabric** is an **architecture** or framework that enables seamless integration, management, and access to data across distributed and diverse sources.



# 2

## Data Architecture



**Data architecture** refers to the **design**, **structure**, and **organization** of data assets within an organization, including data models, databases, and data integration processes.

# 3

## Data Governance



**Data governance** refers to the overall **management** and **control** of data assets within an organization, including data quality, security, privacy, and compliance



# 4

## Data Integration



**Data integration** is the **process of combining** data from different sources, formats, or systems into a unified and consistent view for analysis and decision-making.



# 5

## Data Pipeline



A **data pipeline** is a **set of processes** and **technologies** used to extract, transform, and load (ETL) data from various sources into a target destination for analysis.



# 6

## Data Catalog

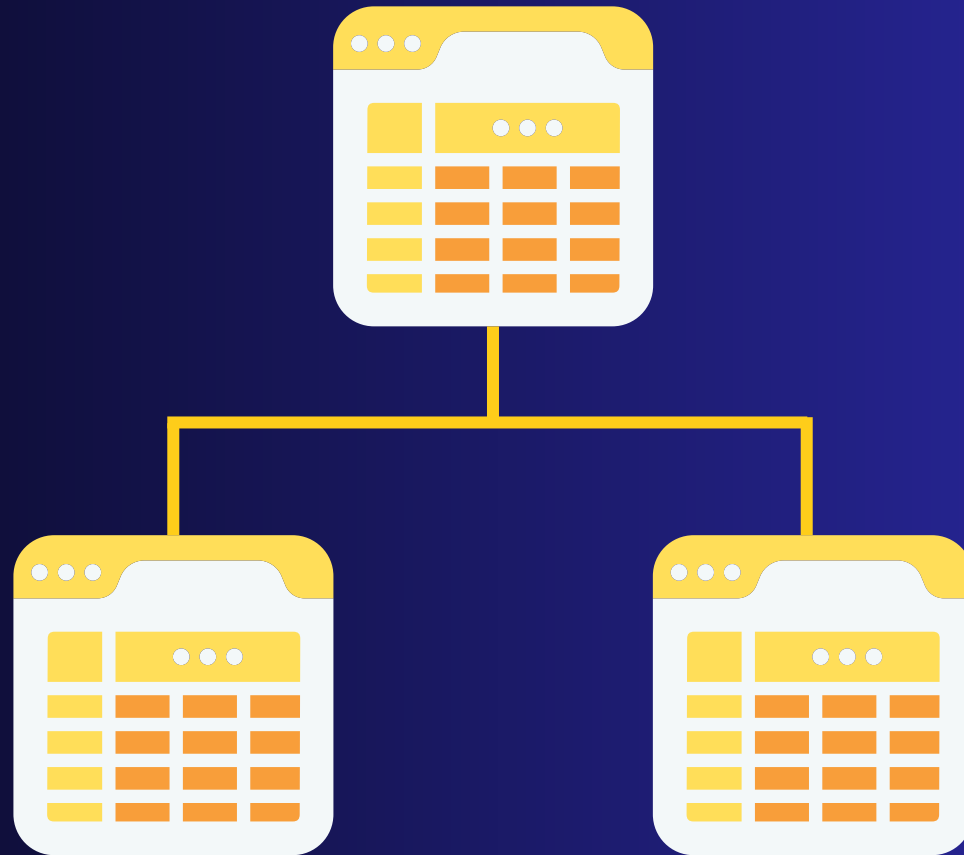


A **data catalog** is a centralized **repository** or inventory that **provides** metadata information about available data assets, such as data sources, tables, and attributes.



# 7

## Data Modeling



**Data modeling** is the **process** of creating a conceptual or logical **representation** of data structures, relationships, and rules to support database design and development.



8

# Data Lake



A **data lake** is a **storage repository** that holds a vast amount of **raw** and **unprocessed** data in its native format until needed for analysis.



# 9

## Data Visualization



**Data visualization** is the **graphical representation** of information and data to uncover patterns, trends, and insights in an easily understandable format.



# 10

## Data Storytelling



**Data storytelling** is the **art of communicating** information and insights through the use of visual and narrative data. It involves telling a **compelling story** using data to captivate and persuade an audience.



11

# Conclusion



Unlock the power of data in the business realm by mastering essential **data vocabulary**. It's the key to effective communication, informed decision-making, and driving successful outcomes.





***If you've made it  
this far, bravo !***

***Let's **connect** on LinkedIn to learn  
and grow together in data analysis!***



[www.linkedin.com/in/azdine-bahloul-604a641b3](https://www.linkedin.com/in/azdine-bahloul-604a641b3)