



LET'S LEARN DATABASE MANAGEMENT SYSTEM (DBMS)

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DATABASE

Collection of interrelated data is called a database.

- It can be stored in the form of table
- It can be any size

Multimedia database

College database



img+video



staff+student

EXAMPLE

ID	Name	subject
1	Rahul	PHE
2	Raj	ECO
3	Riti	IT

ID	Name	Place
1	Rahul	DELHI
2	Raj	KOLKATA
3	Riti	MUMBAI



The diagram illustrates the relationship between two separate data tables and a unified data collection. On the left, a purple table lists individuals and their subjects. On the right, a blue table lists the same individuals and their locations. White arrows from both tables point towards a central orange rounded rectangle labeled 'Collection of related data', indicating that the data from both tables is being combined into a single dataset.

Collection of related data

FILE SYSTEM

An operating system's approach for organising and storing data on storage units like hard drives is called a file system.

In a file system, data is organised into files.

The major disadvantage of file system is

- Data redundancy
- Poor Memory utilisation
- Data inconsistency
- Data security