

## **DATABASE DEFINITION**

A database (DB), in the most general sense, is an organized collection of data. More specifically, a database is an electronic system that allows data to be easily accessed, manipulated and updated.

In other words, a database is used by an organization as a method of storing, managing and retrieving information. Modern databases are managed using a database management system (DBMS).

In simple words, you can say, a database is a place where the data is stored. The best analogy is the library. The library contains a huge collection of books of different genres, here the library is database and books are the data.

### **Features of a Database**

Database has following features:

- Central repository of shared data
- Data is managed by a controlling agent
- Stored in a standardized, convenient form
- A database is designed and built with data for a specific purpose.
- Operations like update, insert, retrieve, etc., on the database can be carried out in simple way.
- A database provides a logical relation between its record and data.