

Storage

Database:

Databases are programmes that either use disk or memory to record the data and query the recorded data.

Disk: → Persistent Storage

Usually refers to HDD (Hard Disk Drive) (or) SSD (Solid State Drive). These are non-volatile storages.

Disadvantage: Read/Write speed is slow compared to memory.

Memory

Eg: RAM

All the data stored in the memory will be lost when the process that has written the data dies (or) power loss etc.

Advantage : Read / Write Speed is very fast
in memory