

Difference Between A DB and A Stroage

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What is the difference between a DB & Storage?

Storage is a semi organized, generally un-indexed disk location where entire files of data can be saved and stored as one large object. Storage has rough search capabilities but generally is not intended to support detailed queries or data retrieval. Examples: S3 buckets in AWS, shared drives on servers, perhaps to a certain extent file management platforms like Sharepoint, etc.

Databases are structured systems designed to hold individual data elements in referentially sound structures that maintain data integrity, data lineage and support detailed and aggregated reporting. Files can be stored within databases, but are difficult to then search upon or query upon; instead the individual key data elements of a file are designed to be extracted and stored separately. Examples are the litany of commercial and Open source database platforms available today. Oracle, MS Sql Server, DB2, Mysql, Postgres, etc etc.

Database are programmed and designed by experts on the use of structured and strict rules-driven process and procedures that make it easy to the users to enter data, report data, make financial and marketing analysis to help drive modern competing corporations.

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