A database is a collection of [information](http://searchsqlserver.techtarget.com/definition/information) that is organized so that it can easily be accessed, managed, and updated

[SQL](http://searchsqlserver.techtarget.com/definition/SQL) (Structured Query Language) is a standard language for making interactive queries from and updating a database such as IBM's [DB2](http://searchdatacenter.techtarget.com/definition/DB2), Microsoft's [SQL Server](http://searchsqlserver.techtarget.com/definition/SQL-Server), and database products from [Oracle](http://searchoracle.techtarget.com/definition/Oracle), [Sybase](http://searchenterpriselinux.techtarget.com/definition/Sybase), and Computer Associates.

Kinds of db

Normalization: Database **normalization**, or simply **normalization**, is the process of organizing the columns (attributes) and tables (relations) of a relational database to reduce data redundancy and improve data integrity.

Er diagram: An **entity relationship diagram** (ERD) shows the relationships of entity sets stored in a database. An entity in this context is a component of data. In other words, **ER diagrams** illustrate the logical structure of databases.