What is Database explain?

A **database** is an organized collection of structured information, or data, typically stored electronically in a computer system. ... The data can then be easily accessed, managed, modified, updated, controlled, and organized. Most **databases** use structured query language (SQL) for writing and querying data.

What is ER diagram explain?

An **Entity Relationship** (**ER**) **Diagram** is a type of flowchart that illustrates how “entities” such as people, objects or concepts relate to each other within a system.

What is EERD database?

Enhanced entity-relationship diagrams, or EERDs, are specialized ER Diagrams that can be extremely useful for modeling your **database**. EERDs use several concepts like specialization, generalization and aggregation.

Relational Algebra

Relational algebra is a procedural query language, which takes instances of relations as input and yields instances of relations as output. It uses operators to perform queries. An operator can be either **unary** or **binary**. They accept relations as their input and yield relations as their output. Relational algebra is performed recursively on a relation and intermediate results are also considered relations.

Which are relational databases?

A **relational database** is a collection of data items with pre-defined relationships between them. These items are organized as a set of tables with columns and rows. ... Each row in a table could be marked with a unique identifier called a primary key, and rows among multiple tables can be made related using foreign keys.