


Here are some very short notes on the ER Model. 

ER Model

A high-level conceptual data model that visually represents the logical structure of a database. It's a blueprint.

Entity

A real-world object or concept you want to store data about (e.g., Student, Book). It's a **rectangle** in an ER diagram.

- **Strong Entity:** Can be uniquely identified on its own.
 - **Weak Entity:** Needs a strong entity to be uniquely identified.
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Attribute

A property of an entity (e.g., a student's name or age). It's an **oval** in an ER diagram.

- **Key Attribute:** Uniquely identifies an entity. It's **underlined**.
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ER Diagram (ERD)

A visual representation using symbols.

- **Relationship:** How entities connect (e.g., Student **enrolls** in a Course). It's a **diamond**.
- **Cardinality:** Defines how many instances of one entity relate to another (1:1, 1:N, M:N).