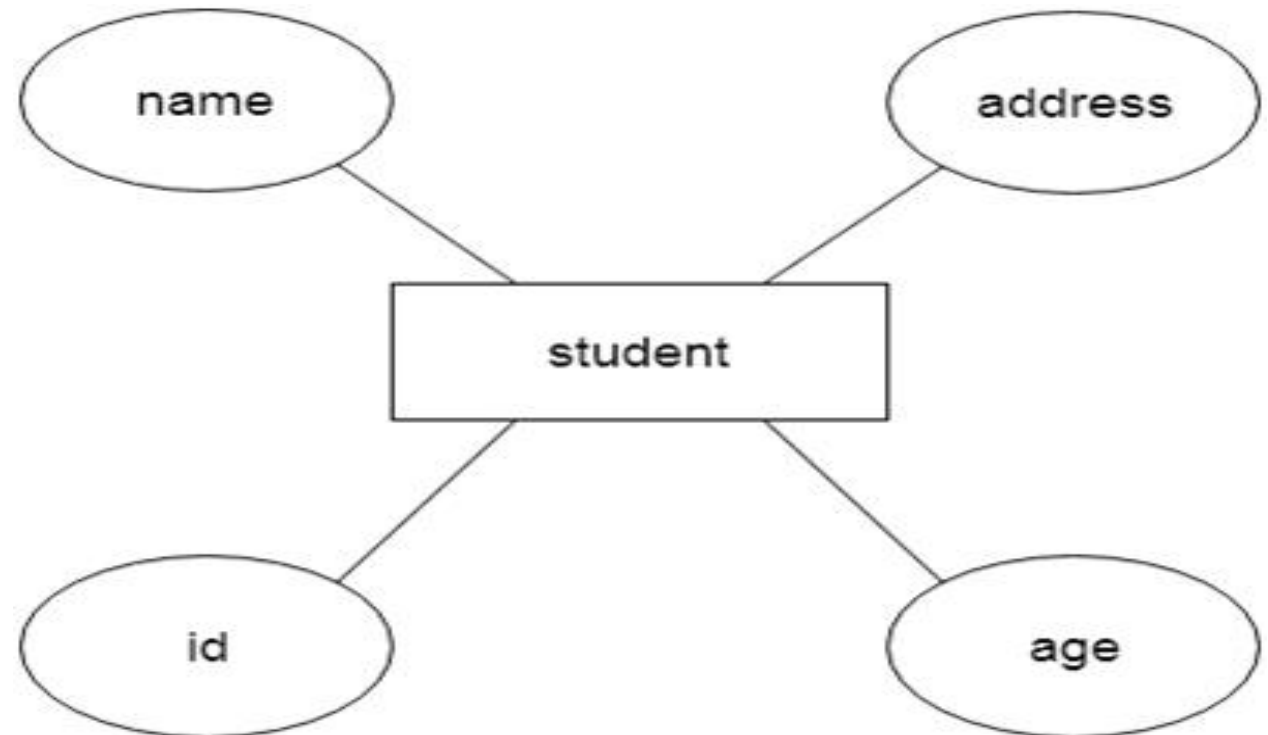# What is Entity Relationship Diagram?

Entity Relationship Diagram (ER Diagram)

Use E-R model to get a high-level graphical view to describe the **"ENTITIES"** and their **"RELATIONSHIP"**
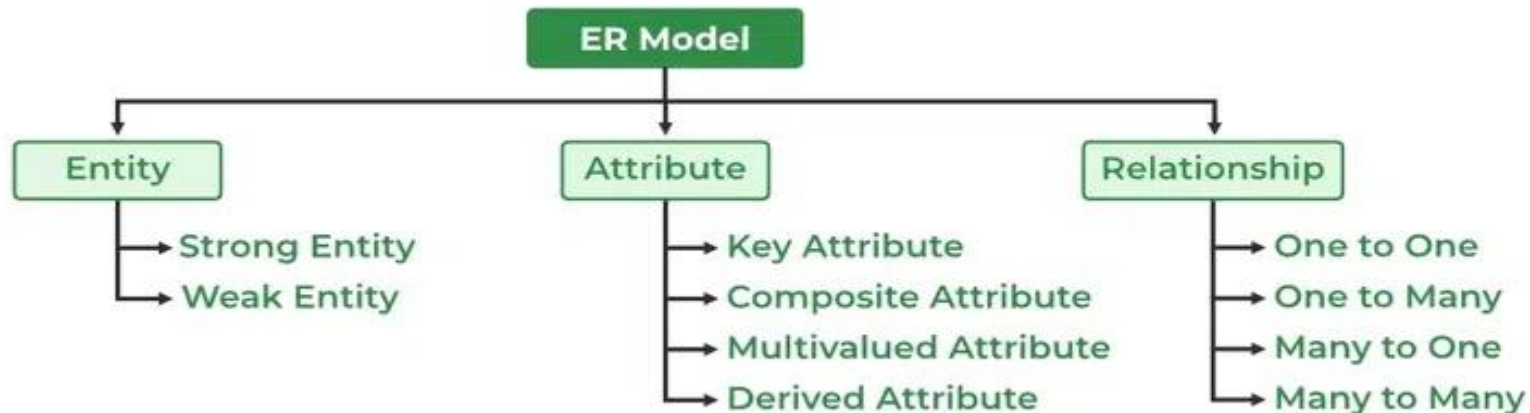
It is a **high-level data model**. This model is used to define the data elements and relationship for a specified system

Component of ER Diagram

The basic constructs/components of ER Model are
Entity, **Attributes** and **Relationships**.

Why Use ER Diagrams

- ER Diagram helps you conceptualize the database and lets you know which fields need to be embedded for a particular entity

- ER Diagram gives a better understanding of the information to be stored in a database

- It reduces complexity and allows database designers to build databases quickly

- It helps to describe elements using Entity-Relationship models

- It allows users to get a preview of the logical structure of the database

Entity Relationship Diagram Symbols