

ENTITY RELATIONSHIP MODEL

The entity-relationship (E-R) data model is based on concept of Real world that consists of a collection of basic objects called 'Entities', and relationship among these objects.

Entity An entity in an ER-Model is a real-world object having properties called **Attributes**.

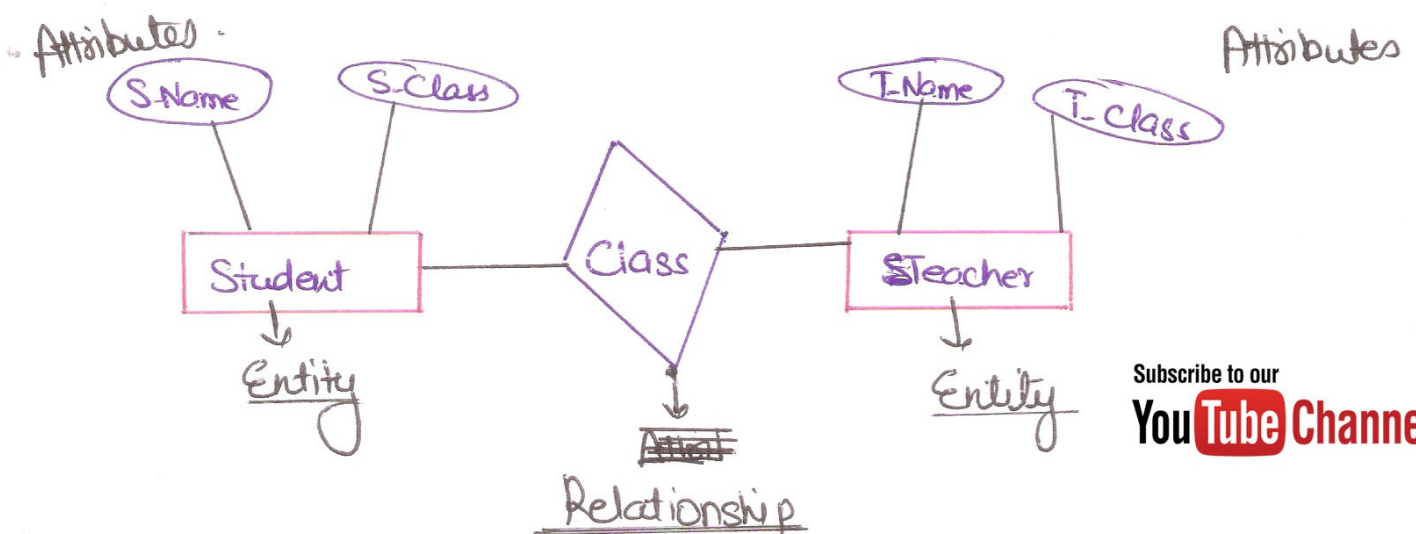
Attributes:- Every Attribute is defined by its set of values called Domain.

Eg In a school database, a student is considered as an Entity.

**→ Student has various Attributes like SName, Age, SClass etc.

Relationship A logical association among several entities

Eg:- In the above eg we add 'Teachers' Entity with Attribute T-Name, T-class. So student and Teacher Entity can be Relationship with Relation class.



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* One Entity can have 2, 3 or more Relationships with other Entity