

# Entity

An entity in DBMS (Database management System) is **a real-world thing or a real-world object which is distinguishable from other objects in the real world**. For example, a car is an entity. An attribute of an entity gives us information about the characteristic features of an entity.

What is difference between entity and table?

**An entity resides in a table, it is a single set of information**, i.e: if you have a database of employees, then an employee is an entity. A table is a group of fields with certain parameters. Basically everything is stored in a table, entities goes into tables.

Is entity a tuple?

Roll No.	Name	Course	
CS08	Steve	Comp. Sci.	→ Entity 1
EE54	Jhoson	Electronics	→ Entity 2
B12	Eva	Biology	→ Entity 3
F32	Jhoson	Finance	→ Entity 4
M26	Erica	Maths	→ Entity 5

Student Table

**An entity in an entity set is represented by the sequence of attributes values which is simply a sequence of values hence, it is also called as a tuple**. In the relational model, each entity sets are represented by a table. So, each row of a table in the database represents an entity.

What is difference between entity and attribute?

ENTITY VERSUS ATTRIBUTE	
ENTITY	ATTRIBUTE
An entity is an object in RDBMS that is used to model and store information	An attribute is a characteristic to define an entity
Represents the main objects of the RDBMS	Describe the entity
A row or a record in the table	A column in the table
Visit <a href="http://www.PEDIAA.com">www.PEDIAA.com</a>	

The main difference between Entity and Attribute is that **an entity is a real-world object that represents data in RDBMS while an attribute is a property that describes an entity**. Relational Database Management System (RDBMS) is a type of database management system based on the relational model.