

# RELATIONAL MODEL

It is a way of organizing data in tables.

Some terms used in relational model

1. **Table** – Relation
2. **Row** – Tuple
3. **Column** – Attribute
4. **Record** – Each row in a table
5. **Domain** – The type of value an attribute can hold
6. **Degree** – No. of columns in a relation
7. **Cardinality** – No of tuples

# RELATIONAL MODEL

Relational model is all about:

- **Data being organized into tables**
- **Establishing Relationships between tables using Foreign key**
- **Maintaining data Integrity**
- **A flexible and efficient way to store(SQL) and retrieve data**

# RELATIONAL MODEL

In relational model we take care of different things like:

1. Maintaining integrity constraints like domain, entity, referential integrity.
2. The values to be atomic i.e can't be divided further.
3. Each row must be unique, here keys comes into picture i.e candidate, super, primary etc