**Databases Relational Model**

The ***information principle*** states that the entire information content of a relational database is represented in one and only one way, namely explicit values in column positions in rows and positions.

A relational database is a database that is perceived by its users as a collection of relational variables (i.e. relvar) or more informally tables

A relational system is a system that supports relational databases and operations on such databases, including in particular the operations **restrict**, **project** and **join**.