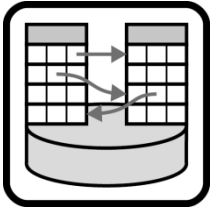


# Relational Database

Data is structured according to a schema that is enforced during data manipulation and enables expressive queries of handled data.



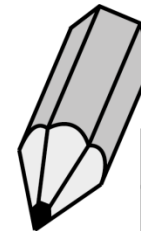
*How can data elements be stored so that relations between them can be expressed and expressive queries are enabled to retrieve required information effectively?*



ID = a where  $A > 1$



must exist



ID	D	E	F
b	4	///	///

ID	A	B	C	ID	D	E	F
a	1	///	///	x	1	///	///
b	2	///	///	y	3	///	///
c	3	///	///	z	3	///	///

b	2	///	///
c	3	///	///



violated!