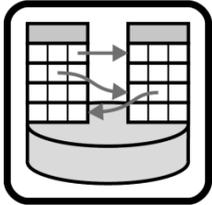


Relational Database

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



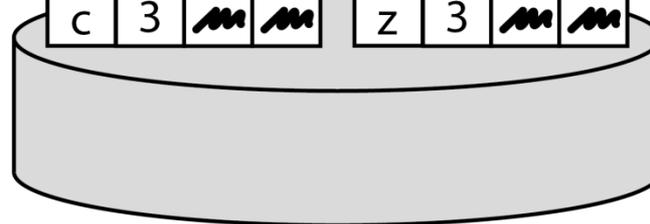
ID	D	E	F
b	4	///	///



must exist

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!