

Translating ER into RM

The best way to learn this mechanism is to proceed by examples.
Let's start with this one:

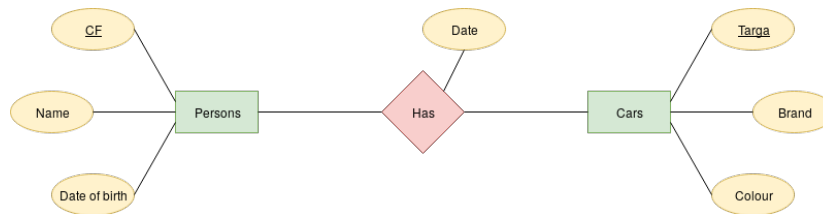


Figure 1:

When we want to translate an ER diagram into an RM model we have to follow certain rules, let's check them out.

Rule #1 every entity becomes a table and its attributes are the table's columns.

Rule #2 each relation becomes a table and its attributes are part of the table's columns, also the keys of the entities involved in the relation become columns and they are flagged as Foreign Keys(FK).

CF	Name	Birth date
1	John	1978
5	Mary	1974

Targa	Brand	Color
xy	VW	Red
uv	Toyota	Blue

Codice Fiscale	Date	Targa
1	2002	xy
5	2004	ub

Targa	Brand	Color	CF	Date
xy	VW	Red	1	2002
uv	Toyota	Blue	5	2004