EL

what company

Proposed by EF Codd in 1969

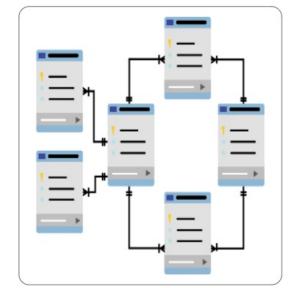
Model data in the form of relations

Based on two concepts:

Tables

Relations

Relationships (1:1, 1:n, N:N)



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id non or - - defin

Relationship Depends } One to one }

1 to 1 Relations

atizens

Many One to Many

samuel vivir Persons 1 to M Mosile phones P, La Mari 12

M2M (Marry to many relationship)

Tivall

Femalis

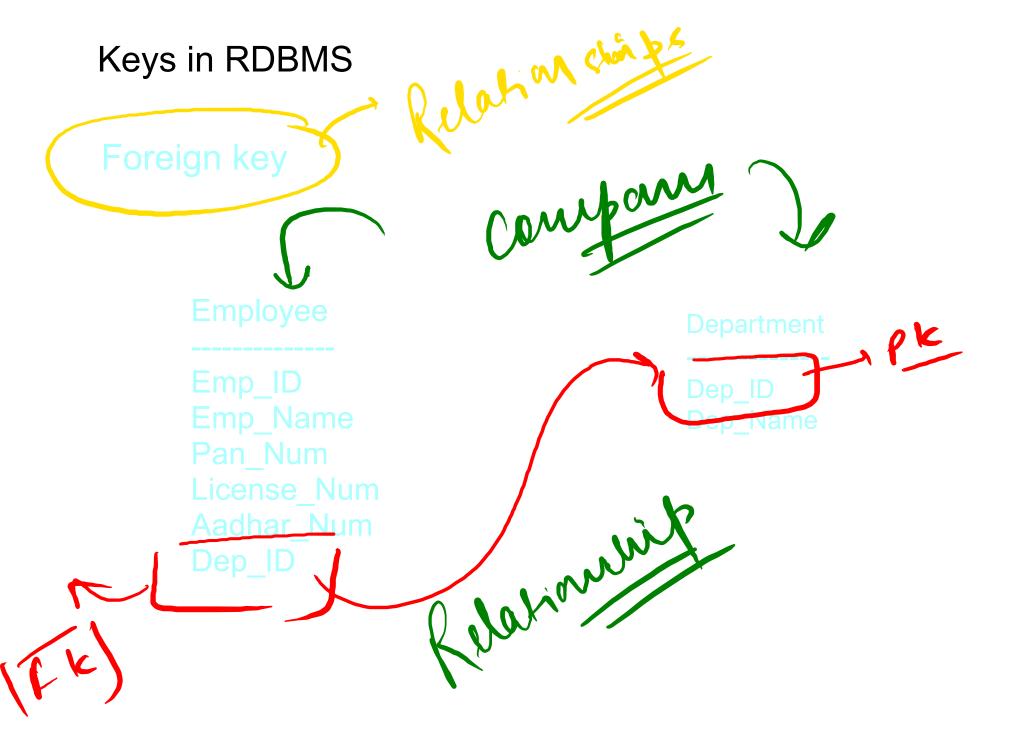
Teachers Students

I to I I to M M to I M to M

key y columns ~ grup of chumns Keys in RDBMS x NId virusing pan-num, (eng. sd., pan-num)

column combination of neurony columns Keys in RDBMS Candidate key One arely identify a vew condidate cours License Num Aadher. num

on gove Candidate Lengs Keys in RDBMS Indian Mitul joneg tu chorun system carrolidate bey in mich Primary key identifies com vous (PM Candidatus oniamly Candidate kuns Candidates



Keys in RDBMS

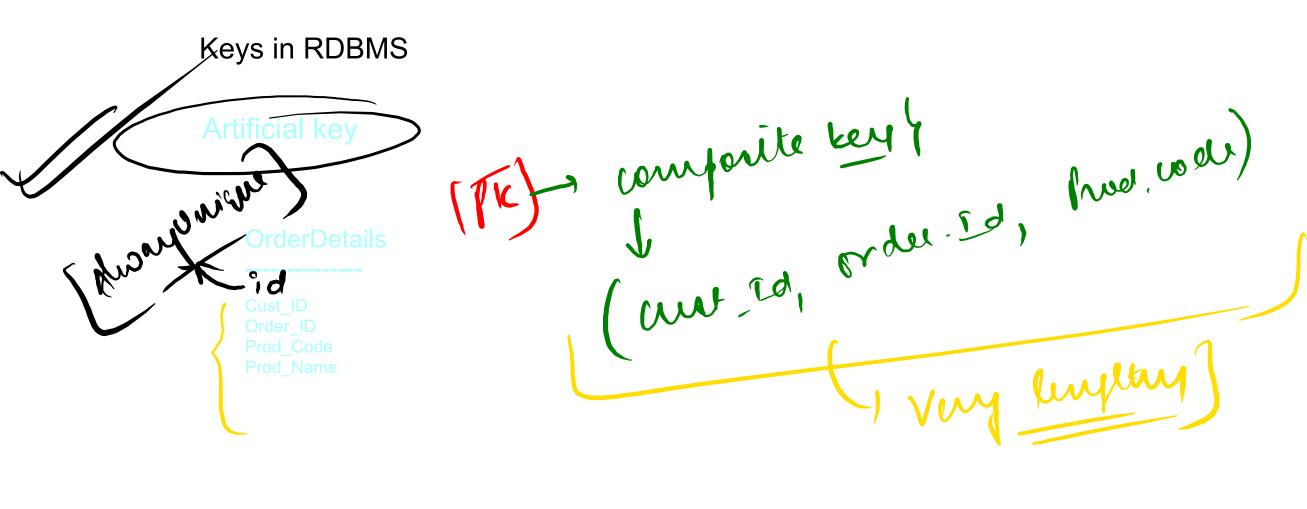
Alternate key

Employee

Emp_ID
Emp_Name
Pan_Num
License_Num
Aadhar_Num

Candidate key! eurp Id), Peur Num, Madker hum ferrale land

Primary key when comprised & column I column Keys in RDBMS Prod_Name >> pvx 1 pre / compenite himany



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