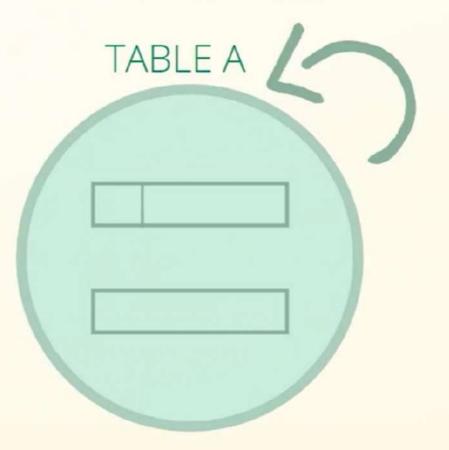


MORE ON JOINS Data Analytics

Data / wany cres

Speaker - Mr. Eshan Tiwari







Employees Tole

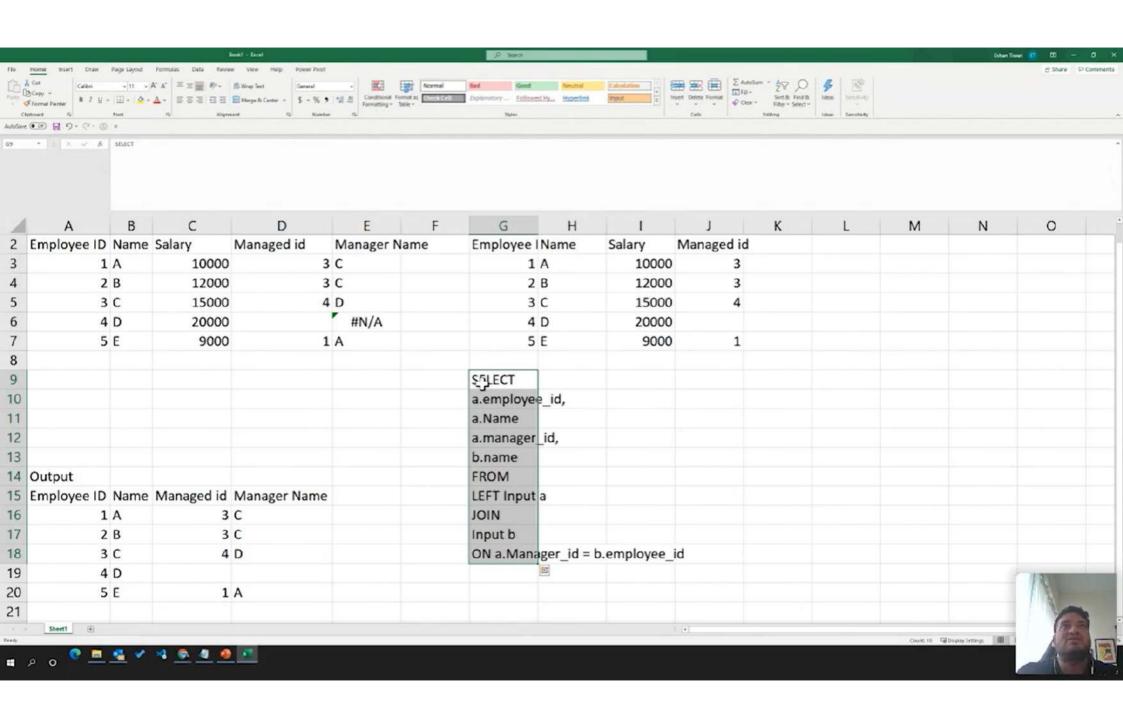
ld	FullName	Salary	Managerid
1	John Smith	10000	3
2	Jane Anderson	12000	3
3	Tom Lanon	15000	4
4	Anne Connor	20000	
5	Jeremy York	9000	1

Query

SELECT
employee.Id,
employee.FullName,
employee.ManagerId,
manager.FullName as ManagerName
FROM Employees employee
JOIN Employees manager
ON employee.ManagerId = manager.Id

ld	FullName	Managerid	ManagerName
1	John Smith	3	Tom Lanon
2	Jane Anderson	3	Tom Lanon
3	Tom Lanon	4	Anne Connor
5	Jeremy York	1	John Smith





Category Table:

ld 🕟	Quantity	Category	ParentCategoryld
1	60	Food	
2	50	Fruit	Í
3	40	Apple	2
4	20	Granny Smith	3
5	100	Milk	1
6	60	Soy Milk	5
7	40	Cow Milk	5
8	30	Whole Milk	7
9	10	Fat-Free Milk	7

Query

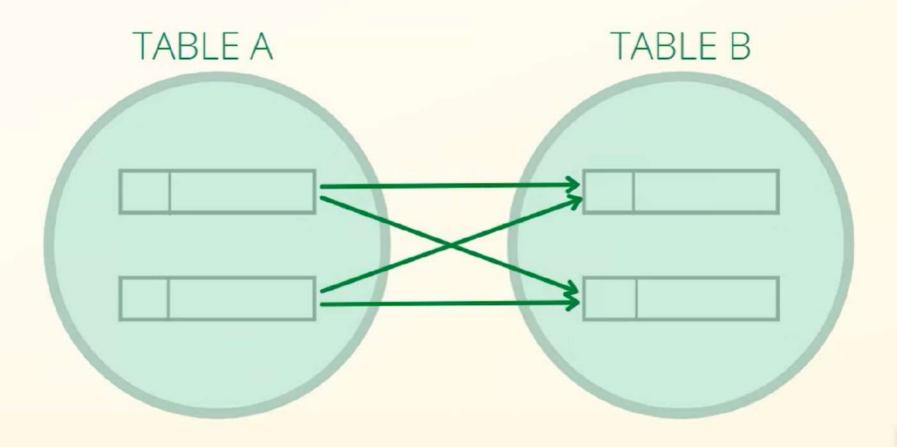
SELECT
category.Id,
category.Quantity,
category.Category,
category.ParentCategoryId,
parentcategory.Category as ParentCategory
FROM Category category
JOIN Category parentcategory
ON category.ParentCategoryId =
parentcategory.Id



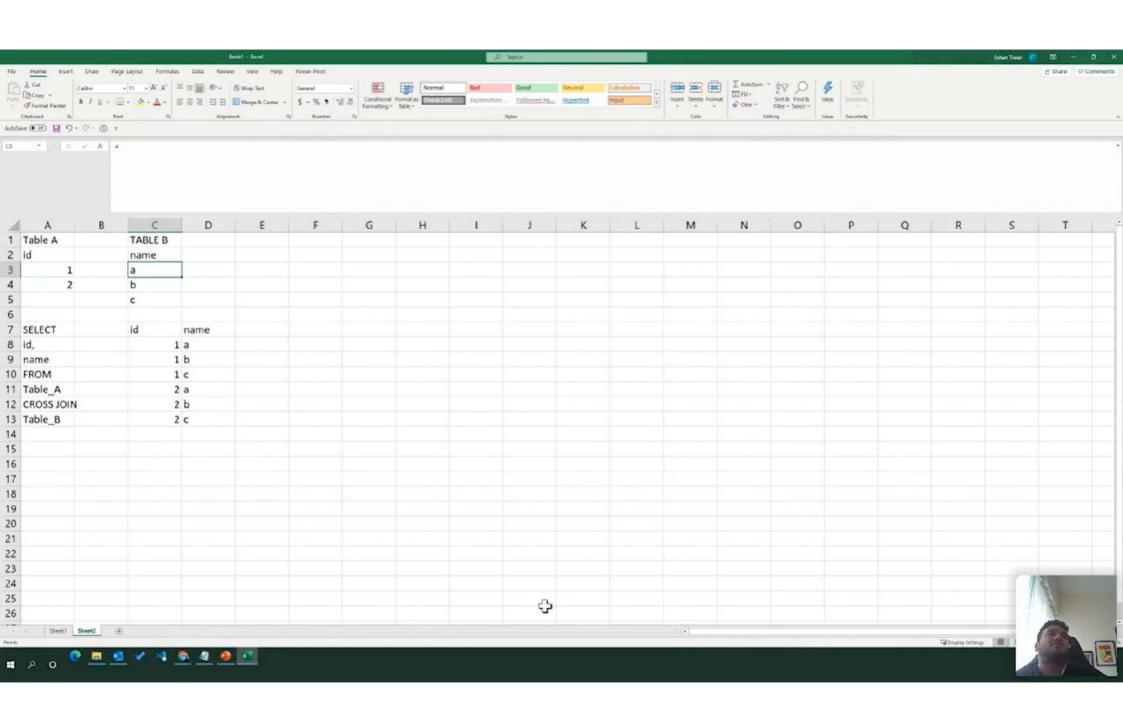
ld	Quantity	Category	ParentCategoryId	ParentCategory
2	50	Fruit	1	Food
3	40	Apple	2	Fruit
4	20	Granny Smith	3	Apple
5	100	Milk	1	Food
6	60	Soy Milk	5	Milk
7	40	Cow Milk	5	Milk
8	30	Whole Milk	7	Cow Milk
9	10	Fat-Free Milk	7	Cow Milk



CROSS JOIN







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CROSS JOIN

T-shirt Table

ts	hirt
id	size
1	S
2	М
3	L
4	XL

Colour Table

id	name
1	yellow
2	green
3	pink

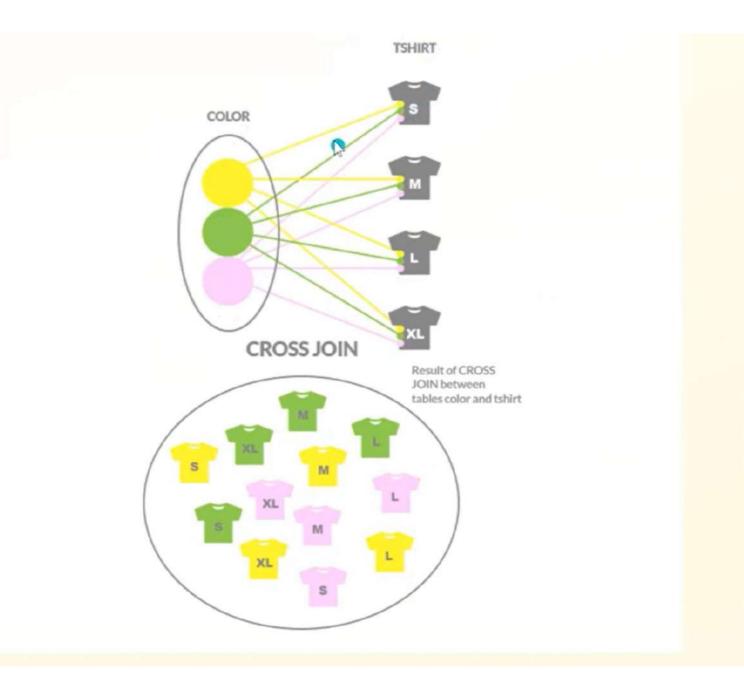
Query

SELECT* FROM tshirt CROSS JOIN color;

id	size	id	name
1	S	1	yellow
2	М	1	yellow
3	L	1	yellow
4	XL	1	yellow
1	S	2	green
2	M	2	green
3	L	2	green
4	XL	2	green
1	S	3	pink
2	М	3	pink
3	L	3	pink
4	XL	3	pink









CROSS JOIN

Query

MatchScore Table

Player	Department_id	Goals
Franklin	1	2
Alan	t	3
Priyanka	2	2
Rajesh	3	5

Departments Table

Department_id	Department_name
1	п
2	HR C
3	Marketing

Player	Department_id	Goals	Depatment_id	Department_name
Franklin	1	2	1	ιτ
Alan	1	3	1	п
Priyanka	2	2	1	IT
Rajesh	3	. 5	1	п
Franklin	1	2	2	HR
Alan	1	3	2	HR
Priyanka	2	2	2	HR
Rajesh	3	5	2	HR
Franklin	1	2	3	Marketing
Alan	1	3	3	Marketing
Priyanka	2	2	3	Marketing
Rajesh	3	5	3	Marketing

