

Homework- 9

1 What is row context? Give an example in a calculated column.

Row Context means Power BI evaluates a formula row by row

In calculated column, DAX automatically knows which row it is working on

SaleID	CustomerID	Quantity	UnitPrice	Category	TotalPrice	Total Sales	AVG Unit Price
1	C1	2	100	Electronics	200	250	83.33333333333333
2	C2	1	50	Clothing	50	250	83.33333333333333
3	C1	3	100	Electronics	300	250	83.33333333333333

2 Explain the difference between VAR and RETURN in DAX.

VAR lets you store a temporary result(a number,a text value,or even a whole table)

RETURN tells DAX what the final output of the measure or column should be.

3 Why does CALCULATE override existing filters?

Normally , a measure works inside the current filter context (whatever slicers,filters or visuals)

NAME: Sales (Clothing) | HOME table: Sales | FORMAT: Whole number | DATA category: Uncategorized | NEW measure measure | QUICK measure measure

Structure: `1 Sales (Clothing) =`
`2 CALCULATE(`
`3 [Sales],`
`4 Sales[Category] = "Clothing"`
`5)`

Formatting: Properties: Calculations:

SaleID	ProductID	CustomerID	Quantity	UnitPrice	Category	TotalPrice	Total Sales	AVG Unit Price
1	P1	C1	2	100	Electronics	200	250	83.3333333333333
2	P2	C2	1	50	Clothing	50	250	83.3333333333333
3	P1	C1	3	100	Electronics	300	250	83.3333333333333

Data: Search

- Customers (2)
- Sales
 - % of Category Sales
 - AVG Unit Price
 - Category
 - CustomerID
 - ElectronicSales
 - High Quantity SalesCount
 - ProductID
 - Quantity
 - SaleID
 - Sales
 - Sales (Clothing)
 - total measure
 - Total Sales
 - Total Sales (Ignore Filters)

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