Use **Treatas** to connect 2 differents data sources

Situation: Sometimes you want to perform a calculation with a variable from another table and thanks to the Treatas formula it can be more interesting to create a virtual link if one or more references are common.

Example: we have two sources of data (Sales and Costs) and we want to calculate the margin.

2 tables

SALES	
Shop	Sales
Shop A	10
Shop B	15
Shop C	6
Shop D	11
Shop E	12
Shop F	8
Total	62

COSTS	
Shop	Costs
Shop A	7
Shop B	9
Shop C	3
Shop D	7
Shop E	7
Shop F	5
Total	38

Common references

No connection between the two sources

Sales ···
Σ Sales
Shop
Collapse ∧

Costs ···
Σ Costs
Shop
Collapse ∧

Treat the columns of the input table (SALES) as column from other table (COSTS).

Costs with Treatas =
CALCULATE(SUM(Costs[Costs]),
     TREATAS(VALUES(Sales[Shop]),Costs[Shop])
)

Input table   Other table

Note, VALUES search all the unique values from the input table. This pattern is really usefull.

COSTS

Shop	Costs
Shop A	7
Shop B	9
Shop C	3
Shop D	7
Shop E	7
Shop F	5
Total	**38**

SALES + COSTS

Shop	Sales	Costs with Treatas	Margin
Shop A	10	7	30 %
Shop B	15	9	40 %
Shop C	6	3	50 %
Shop D	11	7	36 %
Shop E	12	7	42 %
Shop F	8	5	38 %
Total	**62**	**38**	**39 %**

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This isn't the truth, it's just my truth!

Patou Tips

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