Measure Field

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What is Measure?

- Special field
- Help data analyses
- Using a DAX (Data Analysis Expressions) formula
- Changing in response to interaction

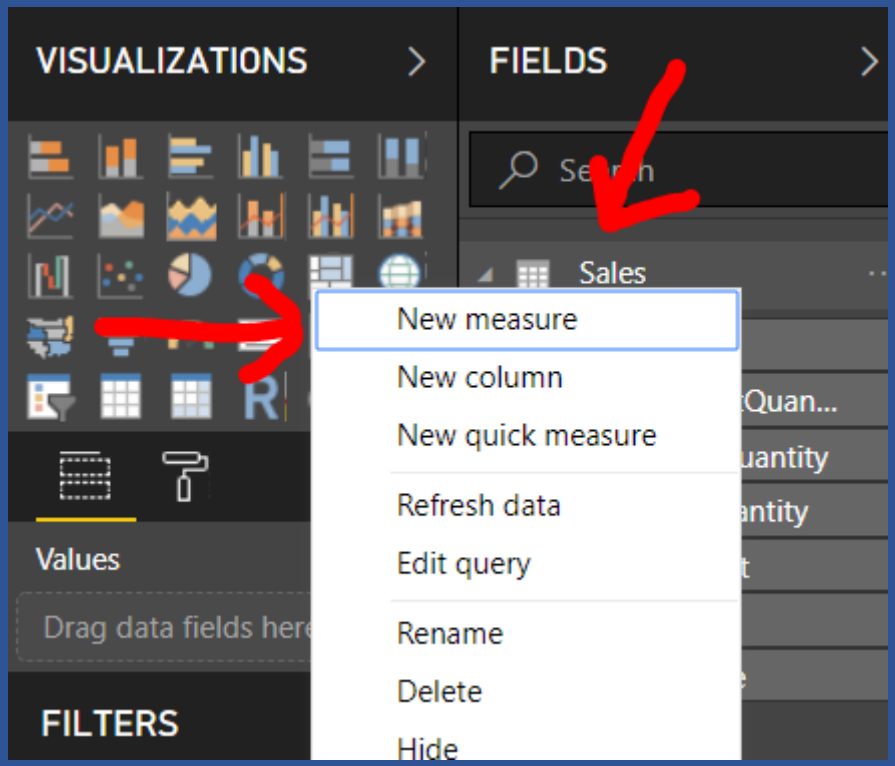
Sales measure.xlsx

We want to create SaleAmount measure filed

Sale Amount = Quantity * Unit Price

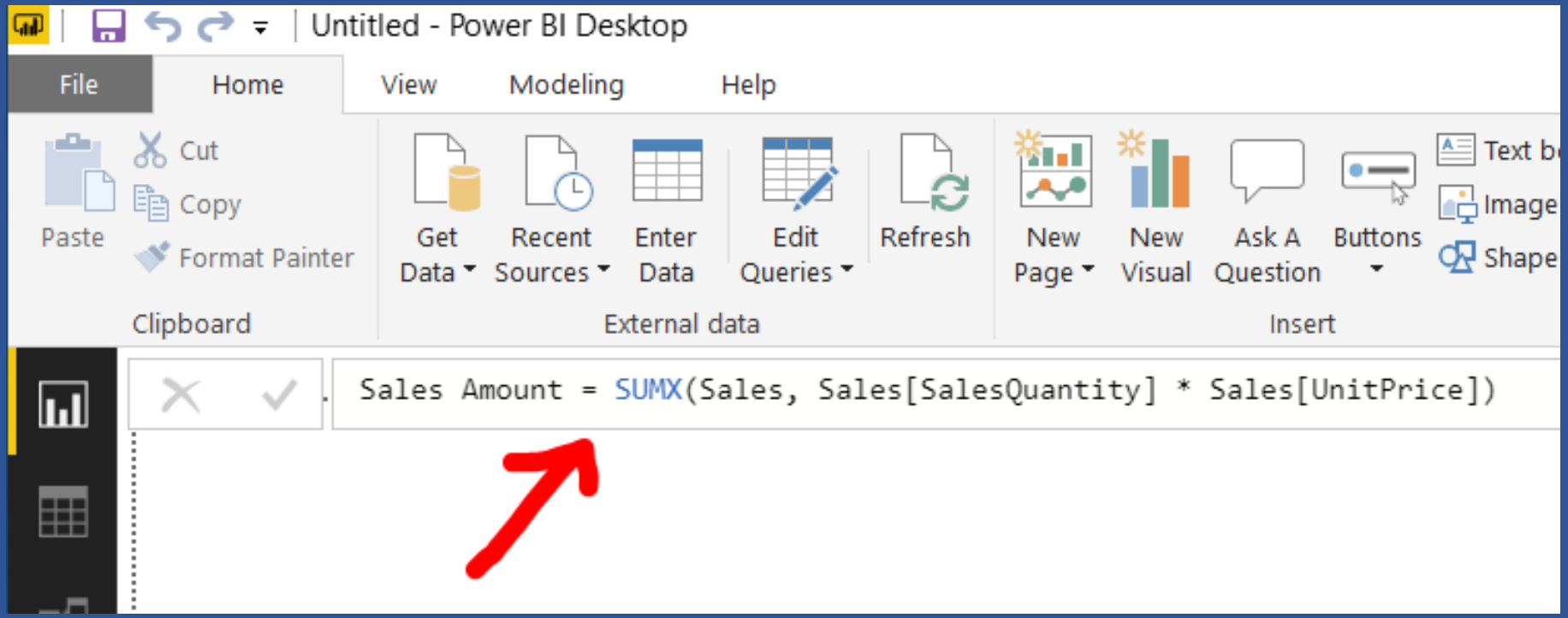
	A	B	C	D	E	F	G
1	DateKey	DiscountQuantity	ReturnQuantity	SalesQuantity	TotalCost	UnitCost	UnitPrice
2	1/1/2011 0:00	2	0	4	$26.48	$6.62	$12.99
3	1/1/2011 0:00	3	0	4	$26.48	$6.62	$12.99
4	1/1/2011 0:00	0	0	4	$26.48	$6.62	$12.99
5	1/1/2011 0:00	2	0	4	$26.48	$6.62	$12.99
6	1/1/2011 0:00	2	0	4	$29.60	$7.40	$14.52
7	1/1/2011 0:00	3	0	4	$29.60	$7.40	$14.52
8	1/1/2011 0:00	2	0	6	$66	$11	$21.57
9	1/1/2011 0:00	3	0	4	$44	$11	$21.57
10	1/1/2011 0:00	3	0	4	$44	$11	$21.57
11	1/1/2011 0:00	1	1	4	$44	$11	$21.57
12	1/1/2011 0:00	3	0	4	$44	$11	$21.57

1. New
2. Get data Sales measure.xlsx
3. Right click at Sales / New measure

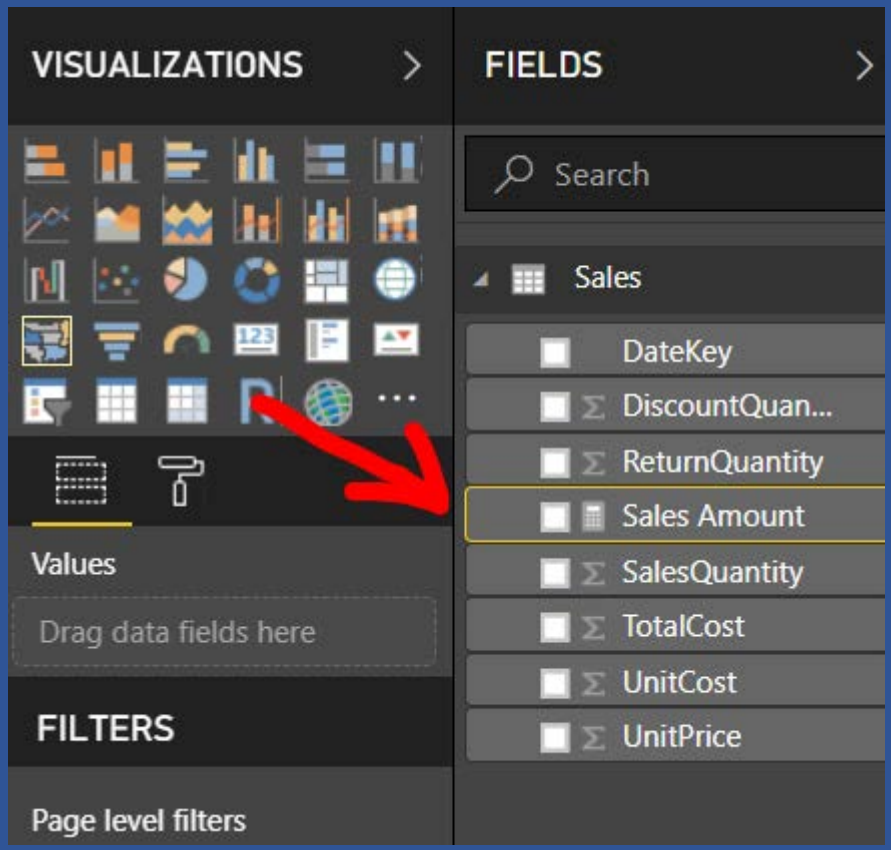


Enter formula

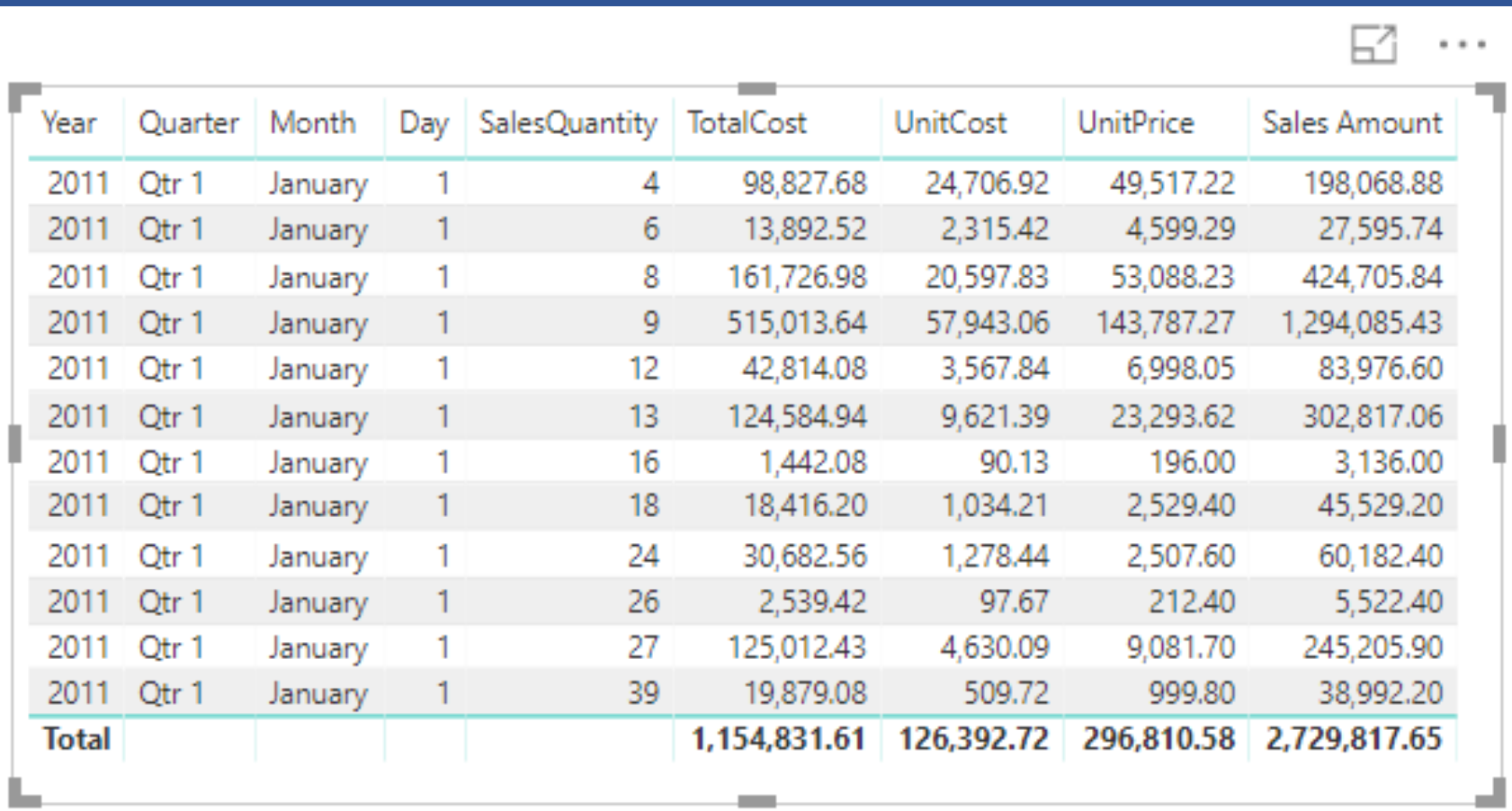
Sales Amount = SUMX(Sales, Sales[SalesQuantity] * Sales[UnitPrice]



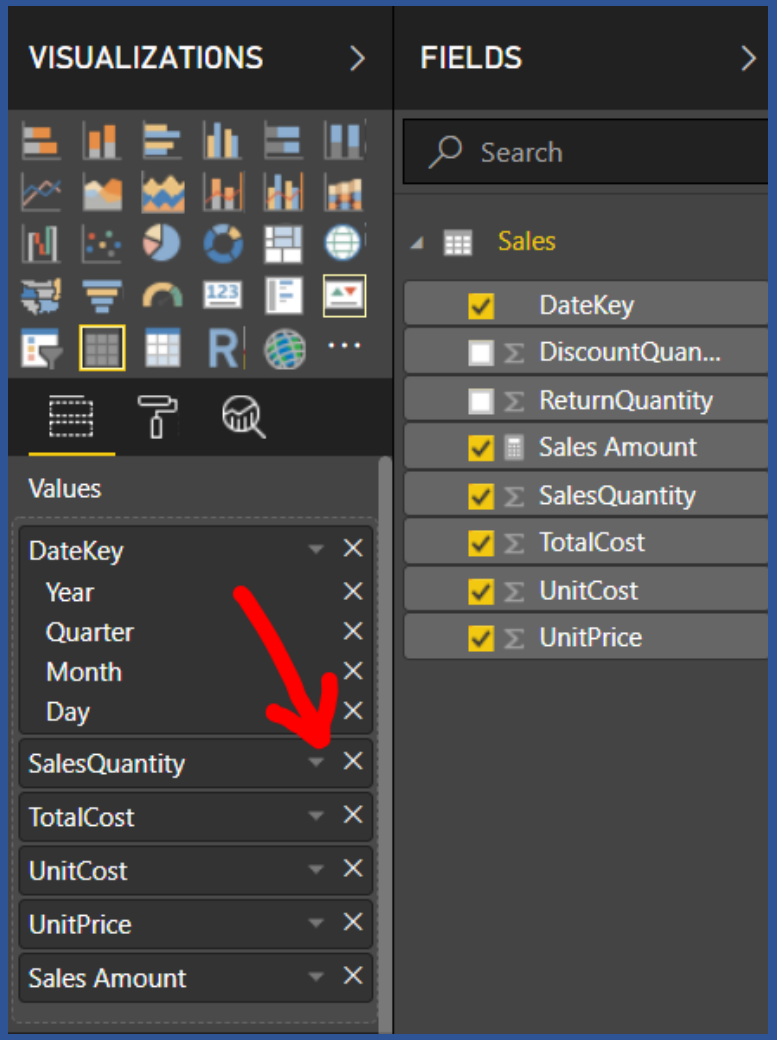
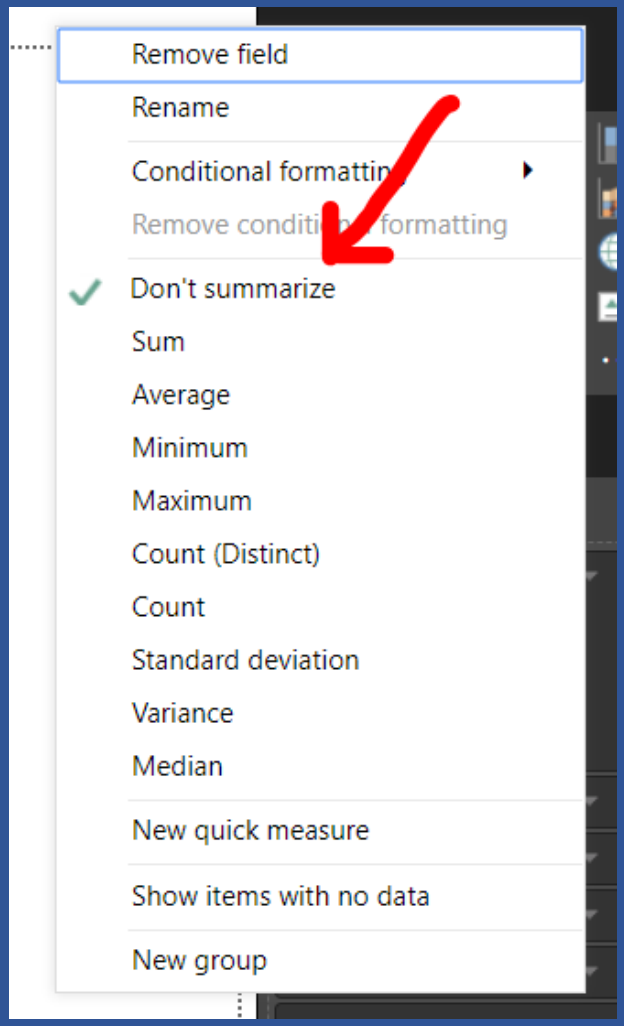
Notice a new field



Microsoft Power BI



Year	Quarter	Month	Day	SalesQuantity	TotalCost	UnitCost	UnitPrice	Sales Amount
2011	Qtr 1	January	1	4	98,827.68	24,706.92	49,517.22	198,068.88
2011	Qtr 1	January	1	6	13,892.52	2,315.42	4,599.29	27,595.74
2011	Qtr 1	January	1	8	161,726.98	20,597.83	53,088.23	424,705.84
2011	Qtr 1	January	1	9	515,013.64	57,943.06	143,787.27	1,294,085.43
2011	Qtr 1	January	1	12	42,814.08	3,567.84	6,998.05	83,976.60
2011	Qtr 1	January	1	13	124,584.94	9,621.39	23,293.62	302,817.06
2011	Qtr 1	January	1	16	1,442.08	90.13	196.00	3,136.00
2011	Qtr 1	January	1	18	18,416.20	1,034.21	2,529.40	45,529.20
2011	Qtr 1	January	1	24	30,682.56	1,278.44	2,507.60	60,182.40
2011	Qtr 1	January	1	26	2,539.42	97.67	212.40	5,522.40
2011	Qtr 1	January	1	27	125,012.43	4,630.09	9,081.70	245,205.90
2011	Qtr 1	January	1	39	19,879.08	509.72	999.80	38,992.20
Total					**1,154,831.61**	**126,392.72**	**296,810.58**	**2,729,817.65**

Microsoft Power BI

Don’t summarize