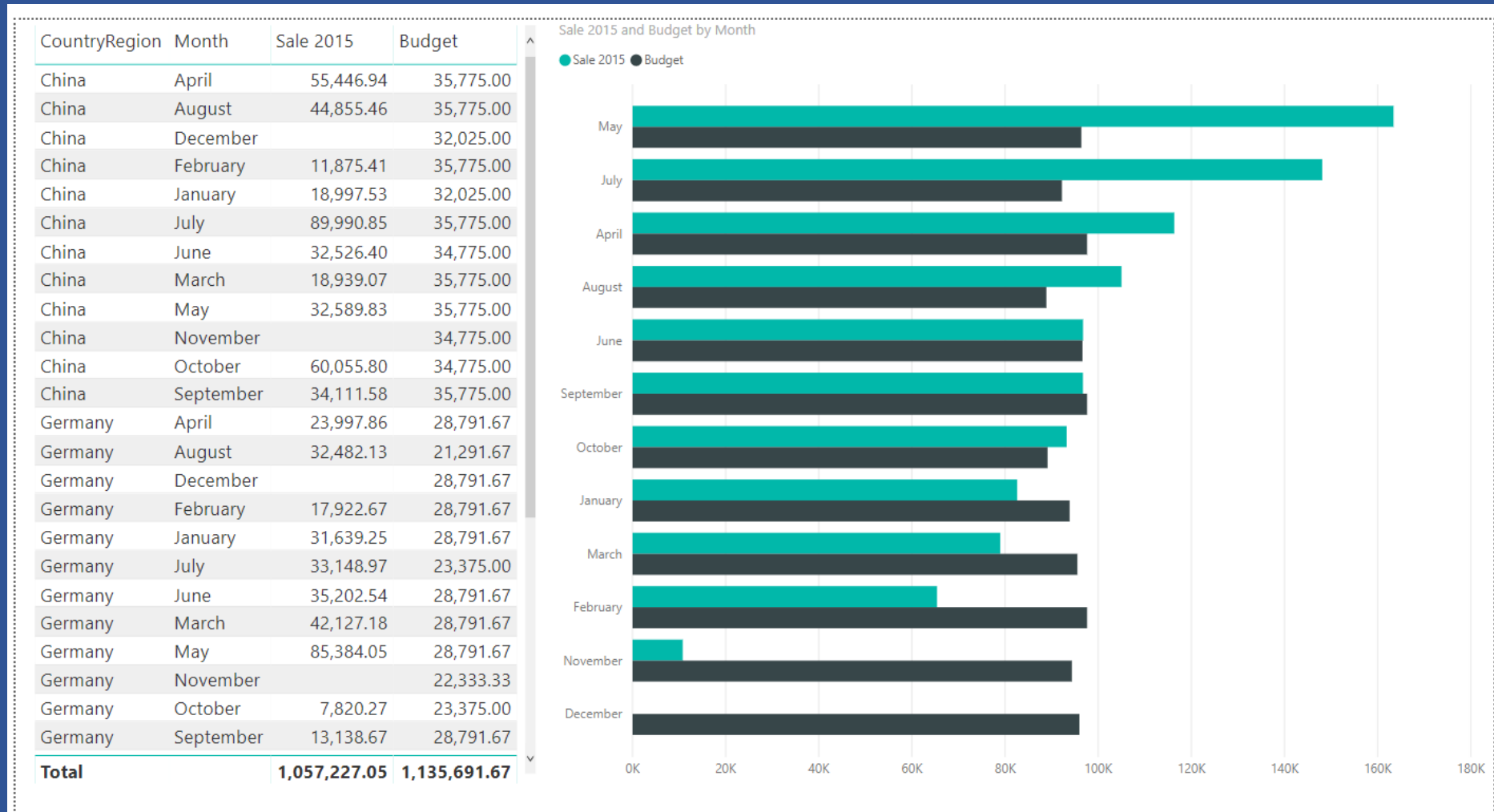


# Custom Column

# Microsoft Power BI


Create this visual from 2015 Sales.xlsx



# Microsoft Power BI

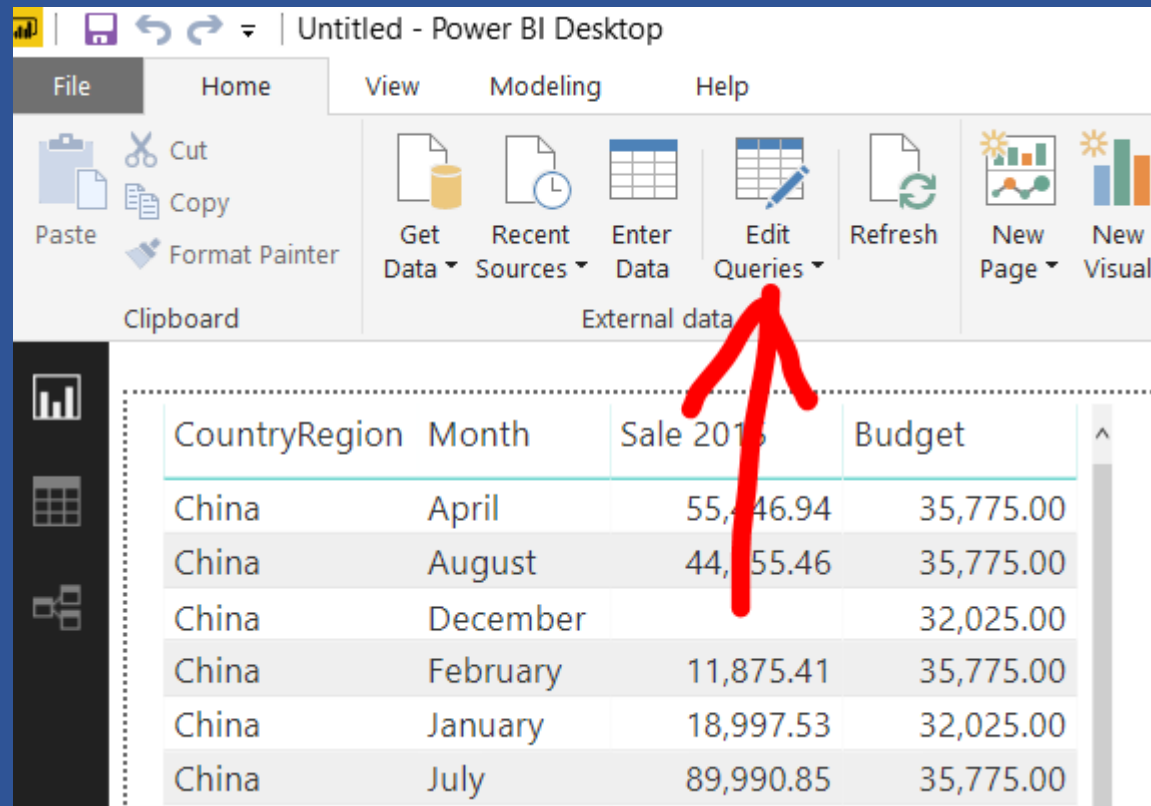
We want to clear Budget if Sale = 0

CountryRegion	Month	Sale 2015	Budget
China	April	55,446.94	35,775.00
China	August	44,855.46	35,775.00
China	December		32,025.00
China	February	11,875.41	35,775.00
China	January	18,997.53	32,025.00
China	July	89,990.85	35,775.00
China	June	32,526.40	34,775.00
China	March	18,939.07	35,775.00
China	May	32,589.83	35,775.00
China	November		34,775.00



# Microsoft Power BI

## Edit queries



The screenshot shows the Microsoft Power BI Desktop interface. The ribbon is set to the 'Home' tab, and the 'Edit Queries' option is highlighted with a red arrow. Below the ribbon, a table of data is displayed. The table has five columns: CountryRegion, Month, Sale 2015, and Budget. The data rows show sales for China across different months.

CountryRegion	Month	Sale 2015	Budget
China	April	55,446.94	35,775.00
China	August	44,555.46	35,775.00
China	December		32,025.00
China	February	11,875.41	35,775.00
China	January	18,997.53	32,025.00
China	July	89,990.85	35,775.00

# Microsoft Power BI

## Add Column / Custom Column

The screenshot shows the Microsoft Power BI Power Query Editor interface. The ribbon is set to the 'Add Column' tab. The left-hand pane shows a list of queries, with 'Sales' selected. The main area displays a table with the following data:

	CountryRegion	Brand	Month	Sale 2013
1	China	A. Datum	January	3
2	China	A. Datum	February	6
3	China	A. Datum	March	4
4	China	A. Datum	April	3
5	China	A. Datum	May	6
6	China	A. Datum	June	5
7	China	A. Datum	July	7
8	China	A. Datum	August	
9	China	A. Datum	September	1
10	China	A. Datum	October	1
11	China	A. Datum	November	
12	China	A. Datum	December	6
13	China	Adventure Works	January	12418

# Microsoft Power BI

Enter name and formula

## Custom Column

New column name

Budget2

Custom column formula:

```
= if  
    [Sale 2015] <> null  
then  
    [Budget]  
else  
    0
```

Available columns:

- CountryRegion
- Brand
- Month
- Sale 2013
- Sale 2014
- Sale 2015
- Budget

<< Insert

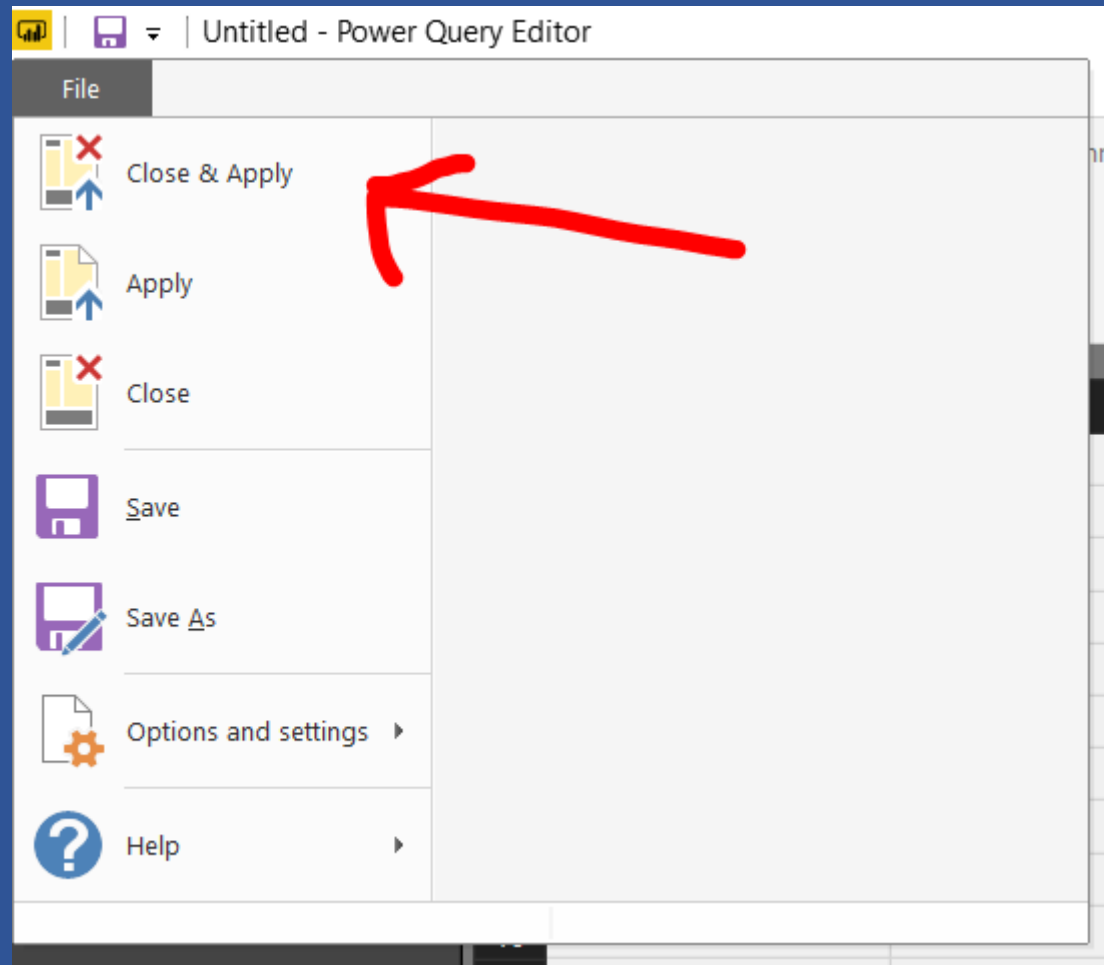
[Learn about Power BI Desktop formulas](#)

✓ No syntax errors have been detected.

OK Cancel

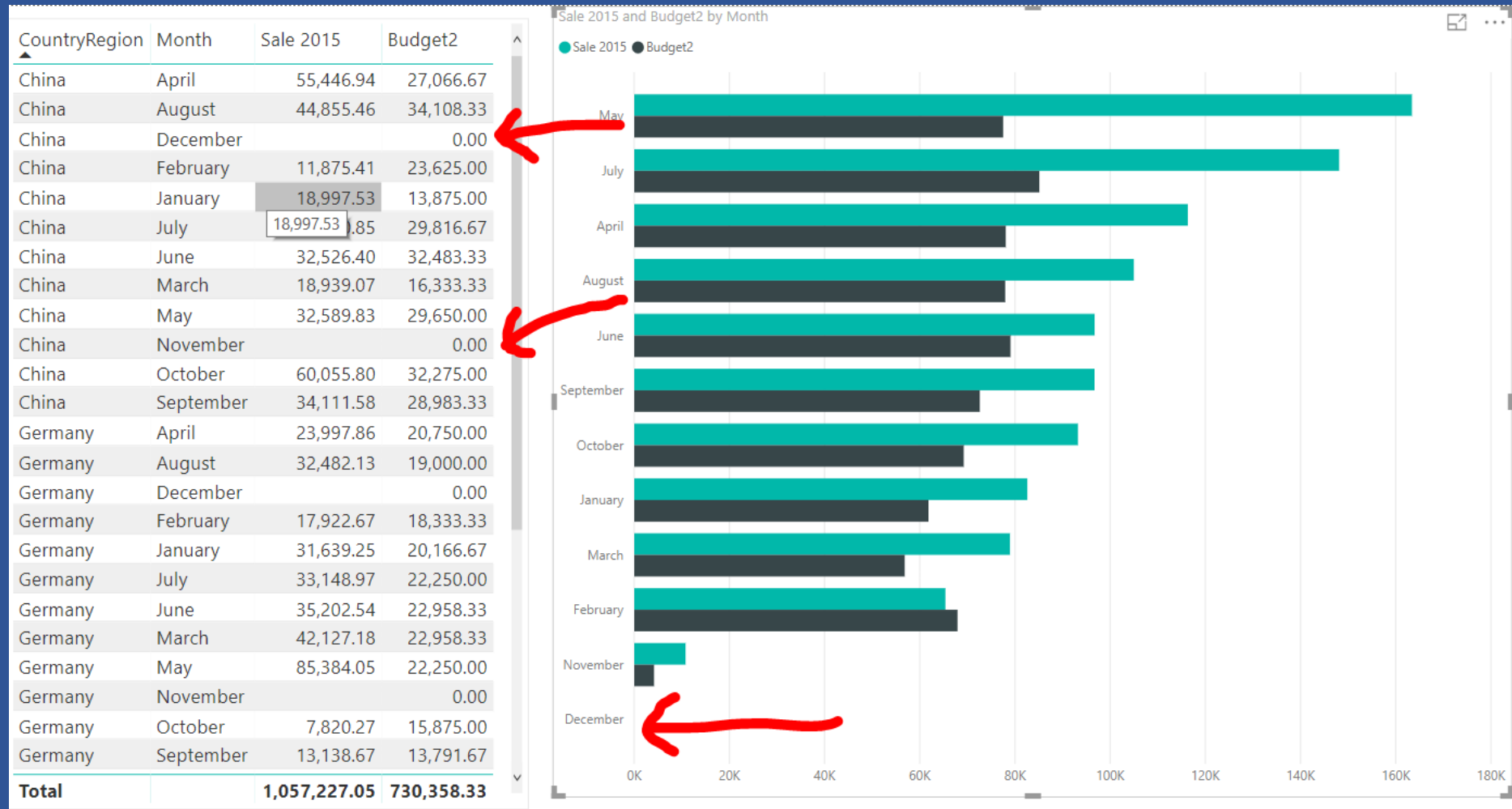
# Microsoft Power BI

## Close & Apply



# Microsoft Power BI

## Final result

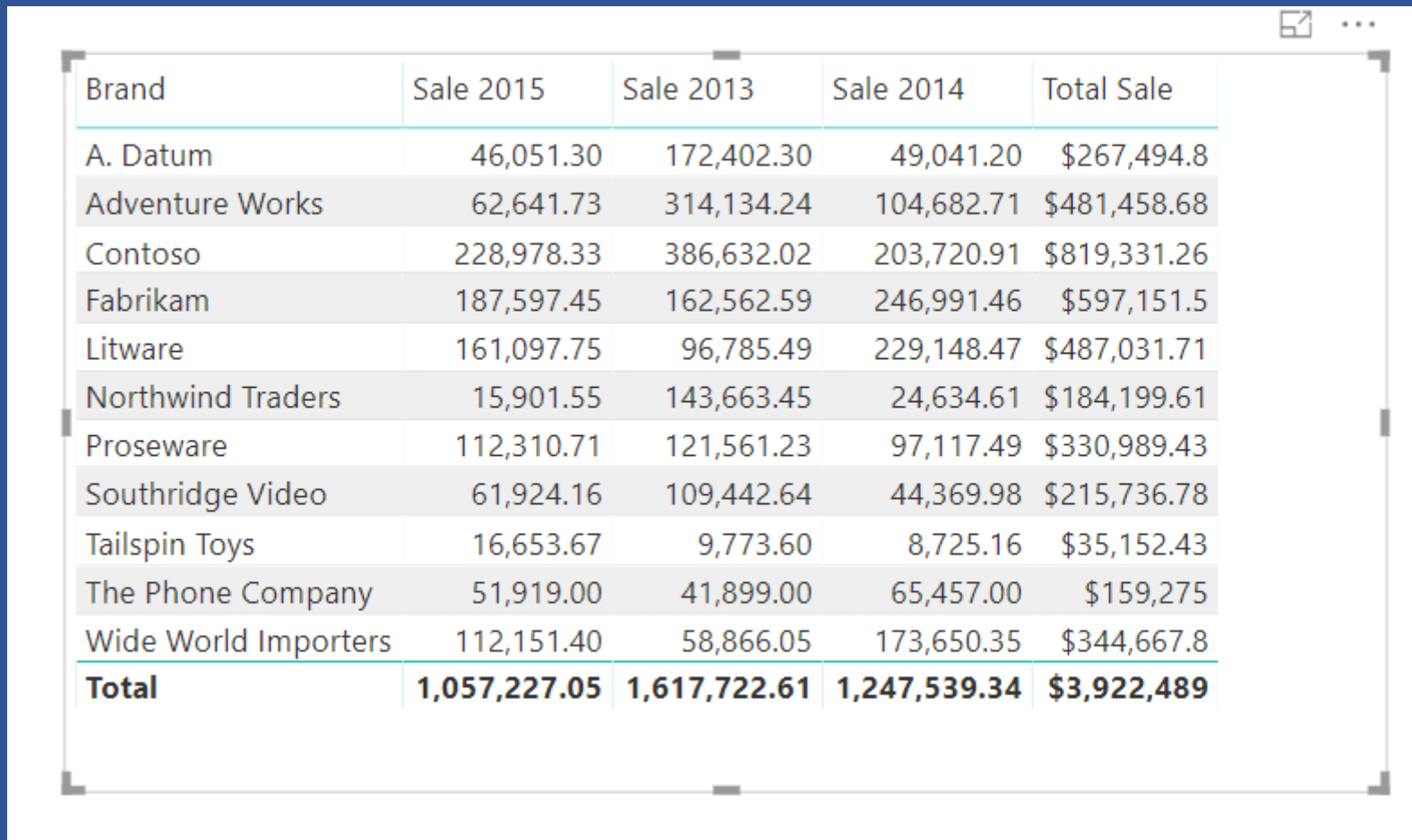




# Microsoft Power BI

## Exercise

Add custom column **Total Sale** which the value come from 3 years sale of each brand



Brand	Sale 2015	Sale 2013	Sale 2014	Total Sale
A. Datum	46,051.30	172,402.30	49,041.20	\$267,494.8
Adventure Works	62,641.73	314,134.24	104,682.71	\$481,458.68
Contoso	228,978.33	386,632.02	203,720.91	\$819,331.26
Fabrikam	187,597.45	162,562.59	246,991.46	\$597,151.5
Litware	161,097.75	96,785.49	229,148.47	\$487,031.71
Northwind Traders	15,901.55	143,663.45	24,634.61	\$184,199.61
Proseware	112,310.71	121,561.23	97,117.49	\$330,989.43
Southridge Video	61,924.16	109,442.64	44,369.98	\$215,736.78
Tailspin Toys	16,653.67	9,773.60	8,725.16	\$35,152.43
The Phone Company	51,919.00	41,899.00	65,457.00	\$159,275
Wide World Importers	112,151.40	58,866.05	173,650.35	\$344,667.8
<b>Total</b>	<b>1,057,227.05</b>	<b>1,617,722.61</b>	<b>1,247,539.34</b>	<b>\$3,922,489</b>