

Product	Sum of Sales	Sum of Quantity	Sum of Sales vs Quantity
Camera	80,610.13	560	20,436.47
Headphones	26,629.81	571	9,517.17
Keyboard	47,410.31	543	12,922.05
Laptop	108,981.84	489	34,300.52
Monitor	71,295.94	512	18,217.34
Mouse	31,342.07	538	9,219.71
Phone	76,294.07	439	20,363.41
Printer	46,181.80	680	12,040.65
Smartwatch	50,697.34	467	15,558.54
Tablet	96,592.81	600	28,032.48
Total	636,036.12	5399	181,908.34

1. in the default option, it shows this, in which the division is done just by row context instead of summing them up first. I would change the DAX code like this:
Sales vs Quantity = DIVIDE(SUM(sales_with_geodata[Sales]),
SUM(sales_with_geodata[Quantity]))

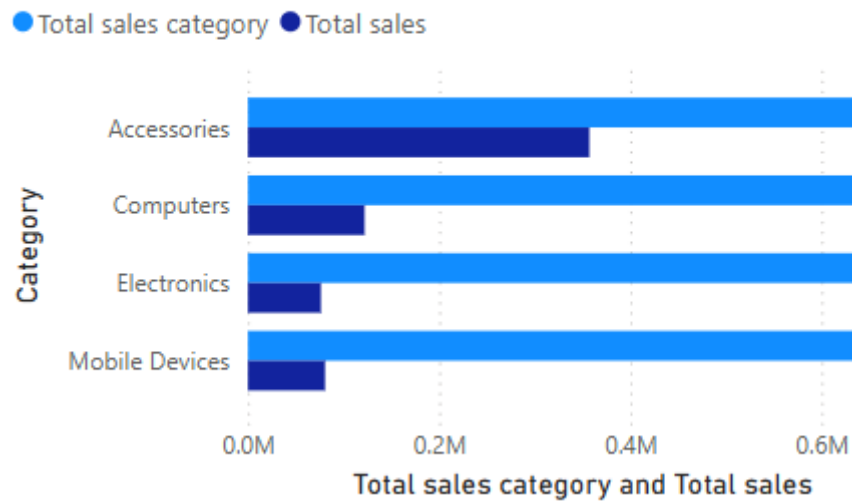
and it will look like this:

Product	Sum of Sales	Sum of Quantity	Sum of Sales vs Quantity
Camera	80,610.13	560	11,545.02
Headphones	26,629.81	571	12,605.27
Keyboard	47,410.31	543	11,545.02
Laptop	108,981.84	489	11,898.43
Monitor	71,295.94	512	11,191.60
Mouse	31,342.07	538	11,073.79
Phone	76,294.07	439	10,131.34
Printer	46,181.80	680	13,901.14
Smartwatch	50,697.34	467	10,955.98
Tablet	96,592.81	600	12,958.69
Total	636,036.12	5399	117,806.28

Product	Category	Total sales per product	% of total	Total sales	% of total category	Total sales per category
Headphones	Accessories	26,629.81	4.19%	636,036.12	7.46%	357,138.64
Keyboard	Accessories	47,410.31	7.45%	636,036.12	13.28%	357,138.64
Laptop	Accessories	108,981.84	17.13%	636,036.12	30.52%	357,138.64
Mouse	Accessories	31,342.07	4.93%	636,036.12	8.78%	357,138.64
Printer	Accessories	46,181.80	7.26%	636,036.12	12.93%	357,138.64
Tablet	Accessories	96,592.81	15.19%	636,036.12	27.05%	357,138.64
Monitor	Computers	71,295.94	11.21%	636,036.12	58.44%	121,993.28
Smartwatch	Computers	50,697.34	7.97%	636,036.12	41.56%	121,993.28
Phone	Electronics	76,294.07	12.00%	636,036.12	100.00%	76,294.07
Camera	Mobile Devices	80,610.13	12.67%	636,036.12	100.00%	80,610.13
Total		636,036.12	100.00%	636,036.12	100.00%	636,036.12

- 2.

Total sales category and Total sales by Category

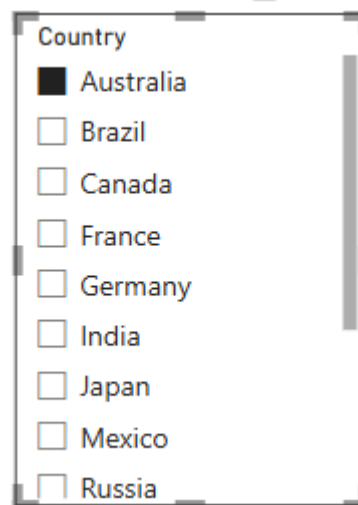


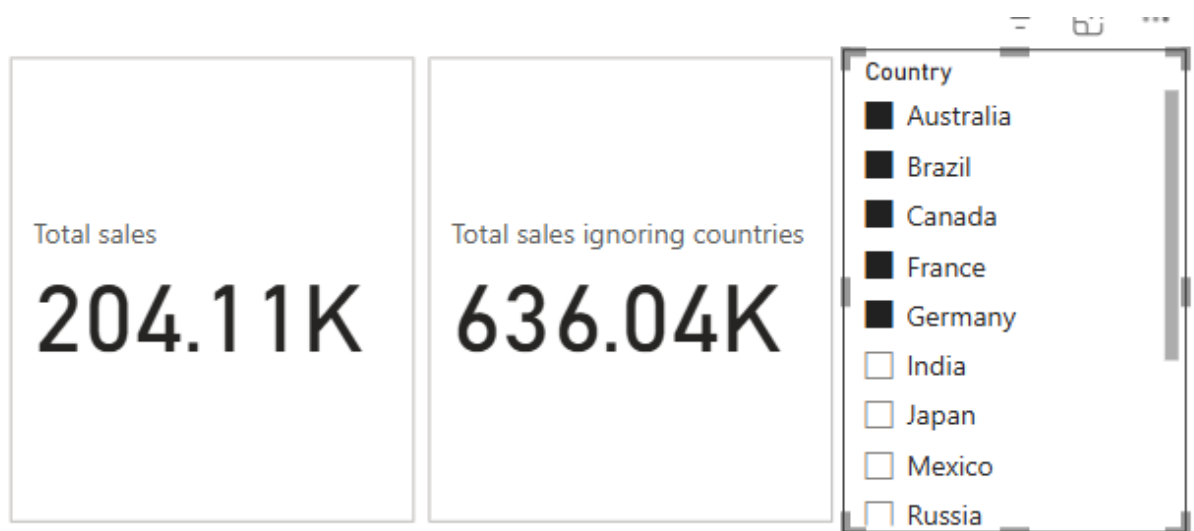
I used ALL and ALLEXCEPT functions to get the required results

3. I added the slicer for countries and when a certain country is selected the values are changed in all visuals unless it is mentioned in the measure explicitly.

34.22K

Total sales





4. Because each order has unique id.

Region	Count of OrderID	Average sales per order	Average Sales
Berlin	77	631.78	40.57%
California	78	614.73	39.51%
Central Region	64	589.98	38.19%
Dubai	74	649.29	40.54%
England	79	647.29	40.39%
Île-de-France	82	640.64	42.63%
Maharashtra	73	681.84	44.71%
Mexico City	50	663.42	42.41%
Moscow	68	683.29	44.27%
New South Wales	60	570.27	39.24%
New York	56	576.07	37.82%
Ontario	55	691.75	44.68%
São Paulo	51	601.33	38.75%
Tokyo	63	631.70	39.95%
Western Cape	70	650.99	41.02%
Total	1000	636.04	41.02%

The table shows sales data categorized by product type. It includes a 'Category' column and a 'Total sales' column. The categories are Accessories, Computers, Electronics, and Mobile Devices, each with a sub-total. The final row shows the overall total sales.

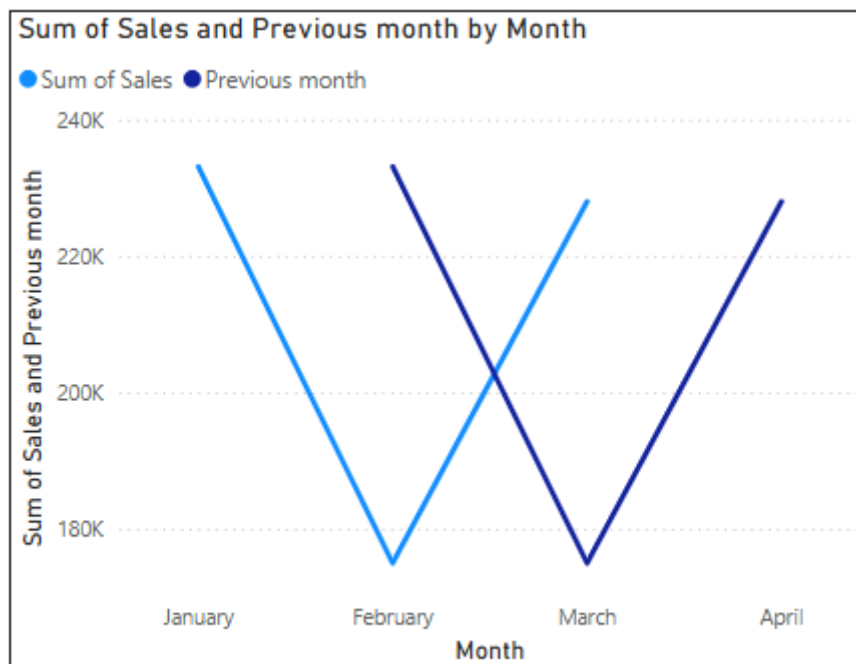
Category	Total sales
Accessories	357,138.64
Headphones	26,629.81
Keyboard	47,410.31
Laptop	108,981.84
Mouse	31,342.07
Printer	46,181.80
Tablet	96,592.81
Computers	121,993.28
Monitor	71,295.94
Smartwatch	50,697.34
Electronics	76,294.07
Phone	76,294.07
Mobile Devices	80,610.13
Total	636,036.12

5.

Category	Total sales
Electronics	76,294.07
Phone	76,294.07
Total	76,294.07

Customer	Sales in France
Alice	7,486.94
Ava	1,369.63
Bob	7,074.49
Charlie	3,196.54
David	6,279.38
Emma	4,802.27
Frank	5,236.50
Grace	1,898.54
Hannah	5,250.96
Isaac	1,655.86
Jack	751.95
Liam	2,294.95
Noah	1,987.36
Olivia	2,000.30
Total	52,532.84

6. Some customers might have blank values, because they didn't purchase in France.



- 7.

Product	Sum of Quantity	Discount per unit	Total Discount
Camera	560	5.60	21.10
Headphones	571	5.71	16.29
Keyboard	543	5.43	20.53
Laptop	489	4.89	13.24
Monitor	512	5.12	13.29
Mouse	538	5.38	16.86
Phone	439	4.39	6.43
Printer	680	6.80	21.15
Smartwatch	467	4.67	10.48
Tablet	600	6.00	24.77
Total	5399	53.99	164.14

8.

SUMX function is preferable than just multiplying two columns. It reduced execution time.

City	Total sales
Berlin	48,647.22
Cape Town	45,569.21
Dubai	48,047.22
London	51,136.30
Los Angeles	47,948.55
Mexico City	33,170.80
Moscow	46,463.52
Mumbai	49,774.40
New York	32,259.85
Paris	52,532.84
São Paulo	30,667.89
Singapore	37,758.75
Total	636,036.12

9.

Country

☐ UAE

☐ UK

☐ USA

Title

Sales for All...

10.