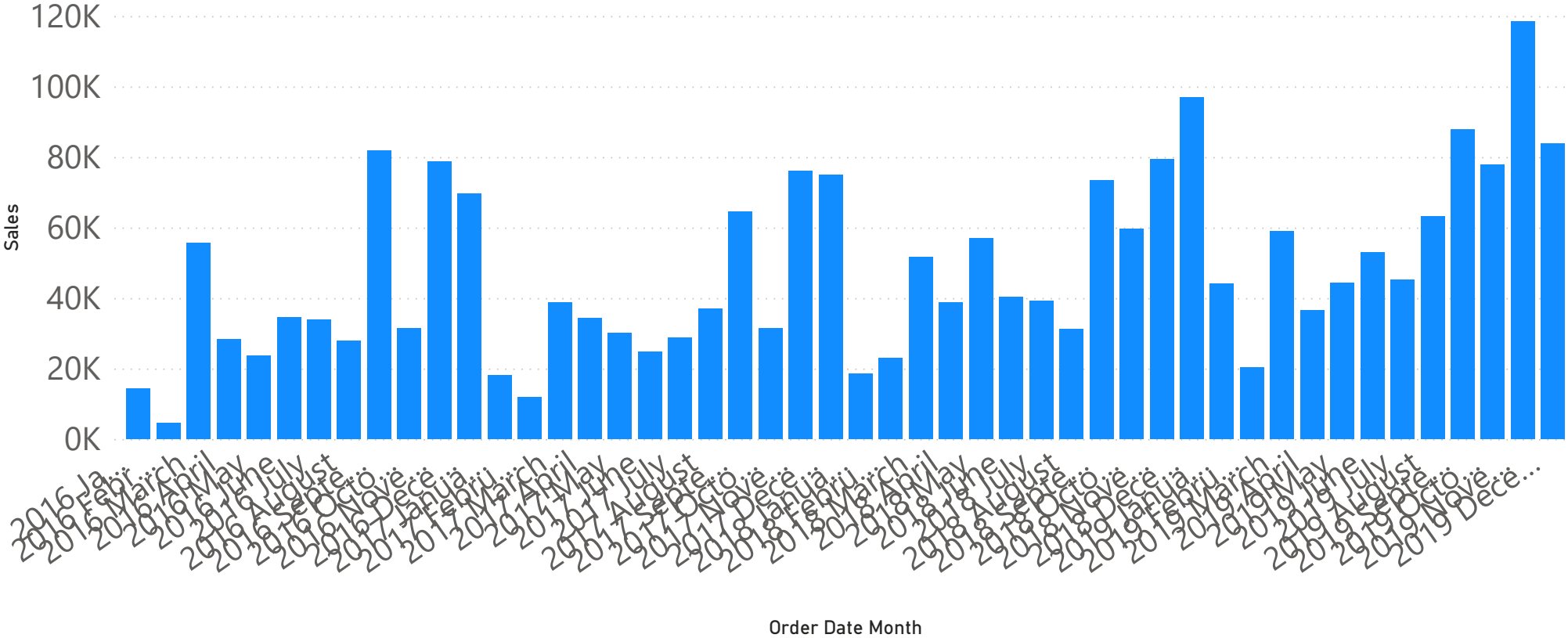


Sales by Year and Month



Profit ratio displayed in different regions in US.  
(CALCULATION, AGGREGATION, FILTER & COLOR).

Region

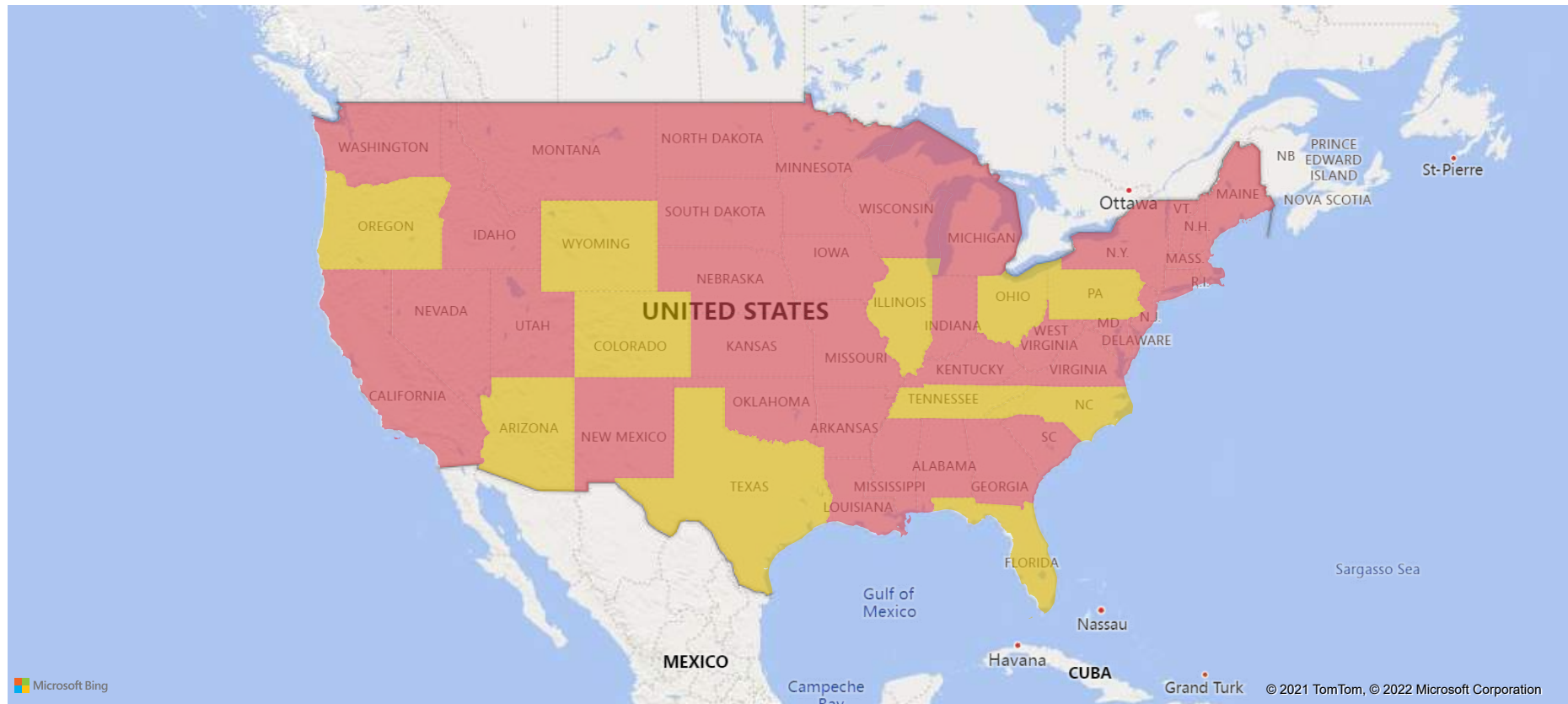
All

Year

2016

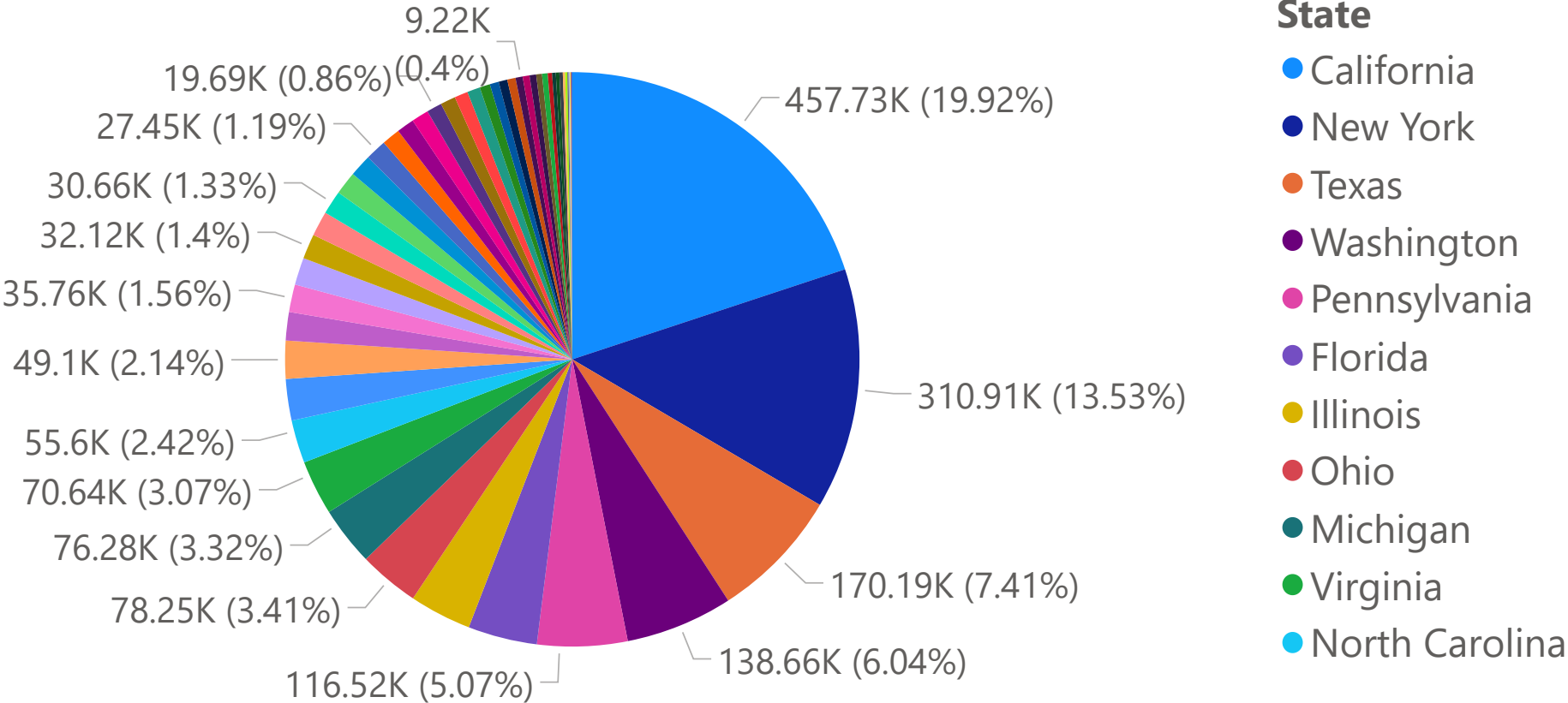
2019

Profit\_ratio by State



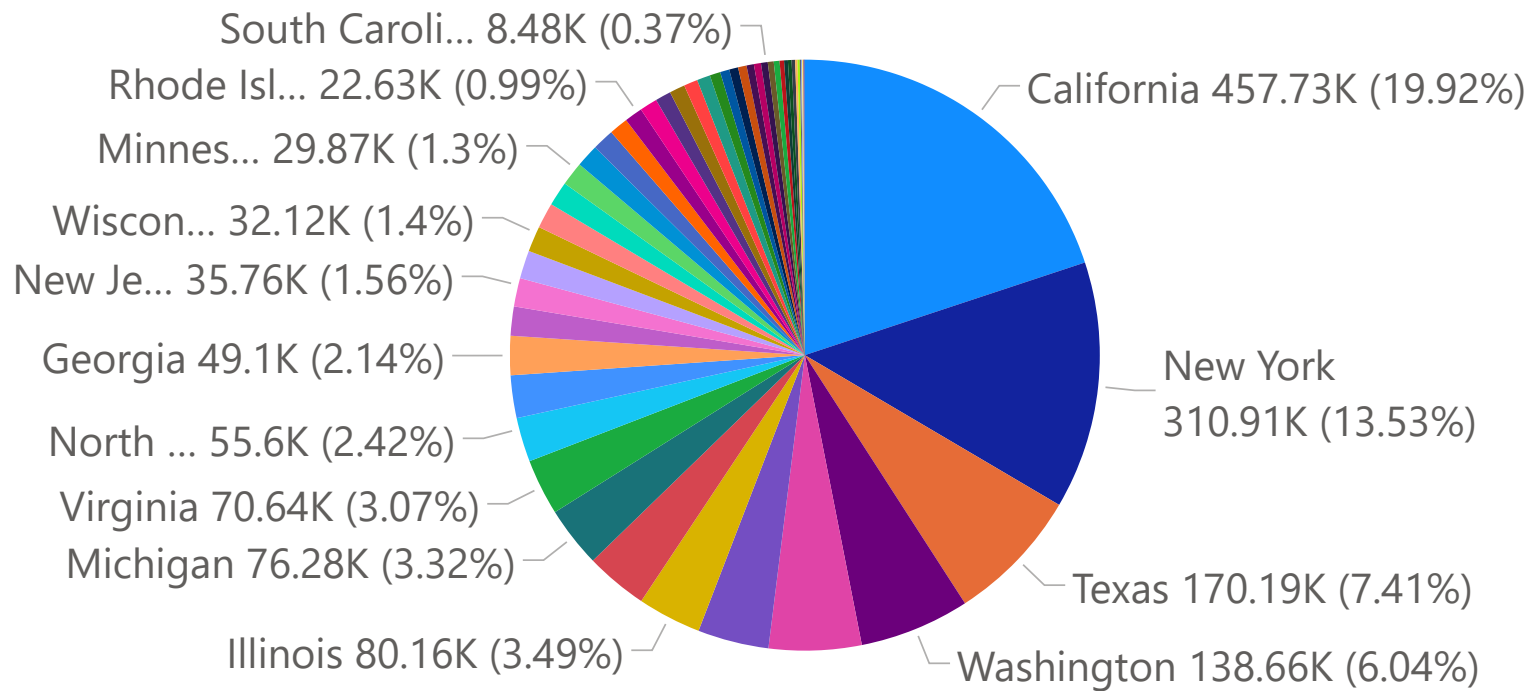
# PIE CHART WITH LEGENDS KEY.

Sales by State



## PIE CHART WITH ALL DETAILS LABELS AT LEGEND KEYS (at format-detail labels- sales as values, state as legend).

Sales by State

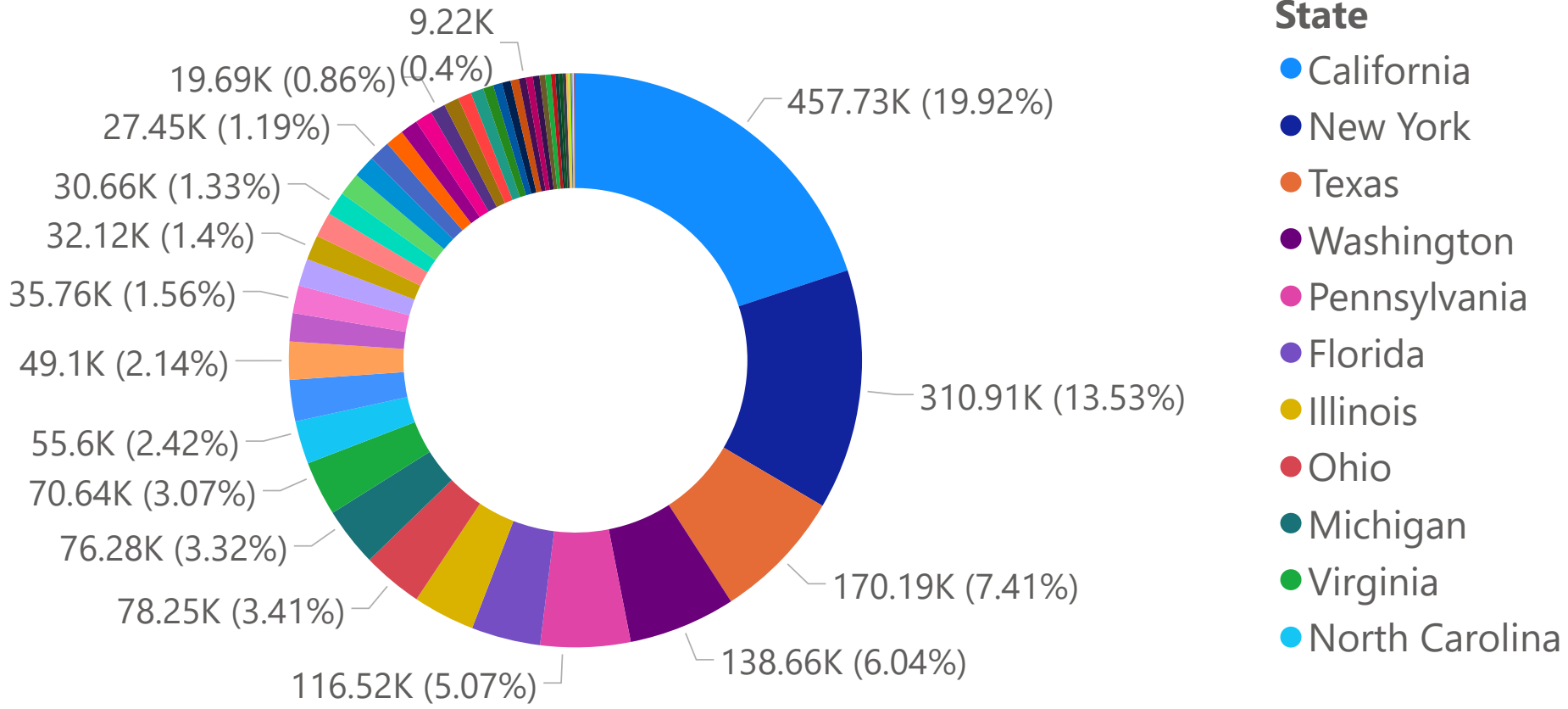


### State

- California
- New York
- Texas
- Washington
- Pennsylvania
- Florida
- Illinois
- Ohio
- Michigan
- Virginia

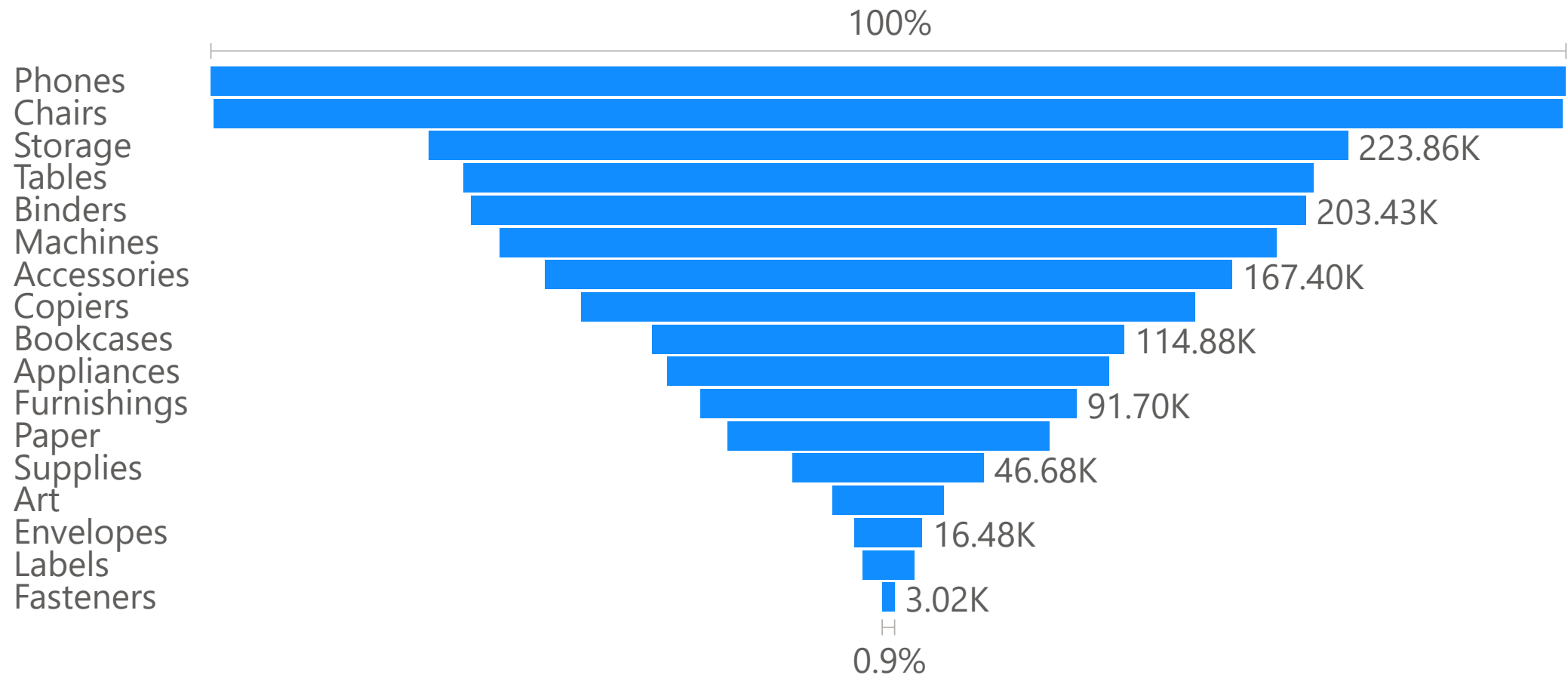
DONUT CHART (with state in legend and sales as value, legend slider on).

Sales by State



# FUNNEL CHART (with sub-category in GROUP and sales/profit in Values).

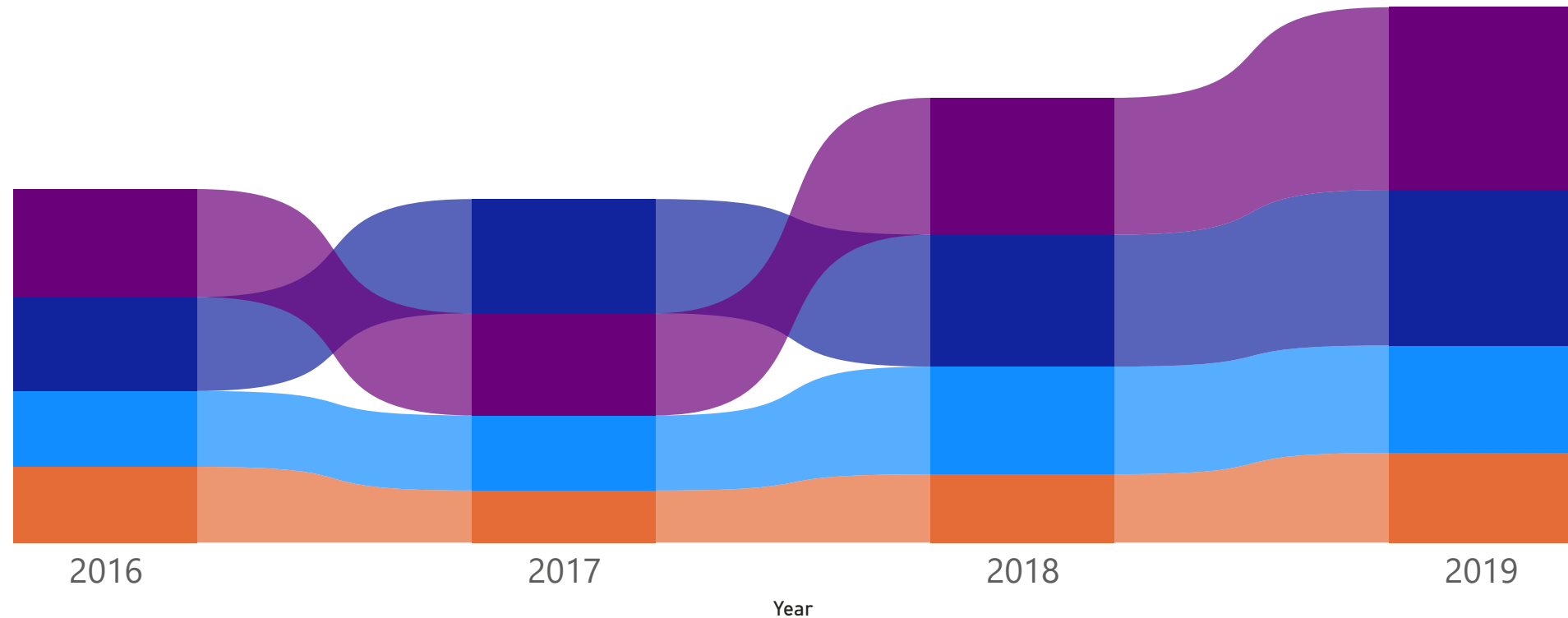
Sales by Sub-Category



RIBBORN CHART(with TIMELINE eg yrs/ Order date in Axis, sales/profit in values - these 2 creates a column chart showing sale in different yrs, but to make it ribborn chart, we add region/state to Legend to see the sales per year per region).

Sales by Year and Region

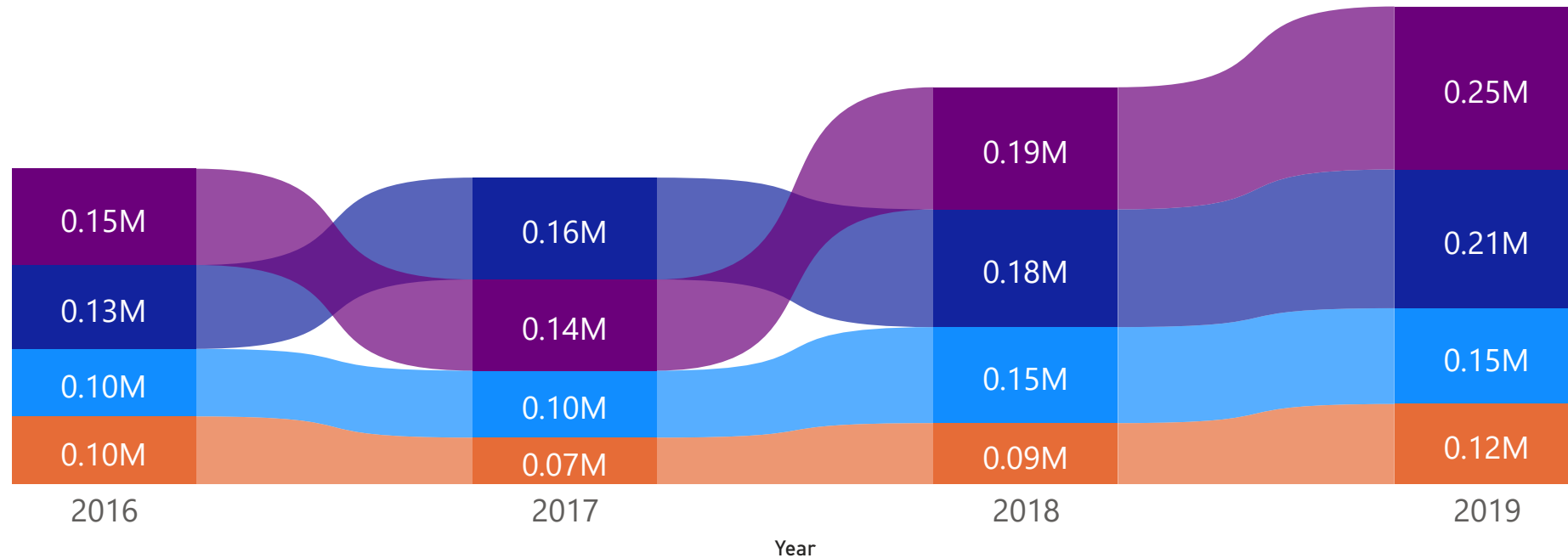
**Region** ● Central ● East ● South ● West



RIBBORN CHART(with TIMELINE eg yrs/ Order date in Axis, sales/profit in values - these 2 creates a column chart showing sale in different yrs, but to make it ribborn chart, we add region/state to Legend to see the sales per year per region). - with DATALABELS-ON.

Sales by Year and Region

**Region** ● Central ● East ● South ● West

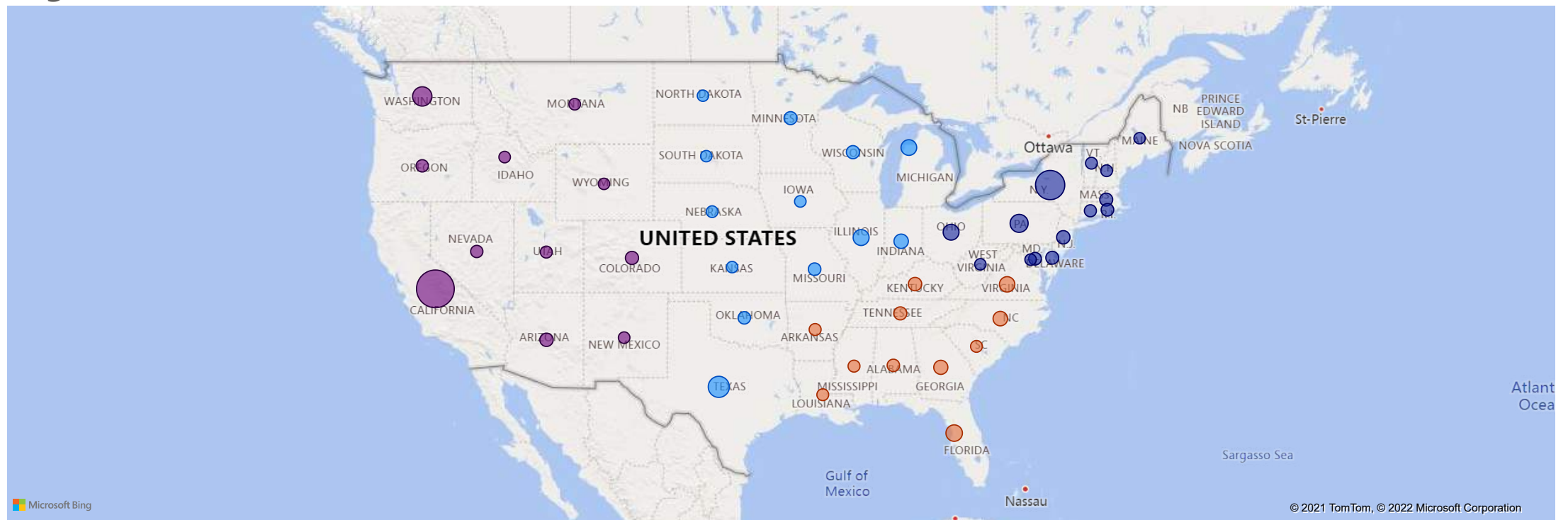




A SIMPLE MAP (with state/region in LOCATION, sales in SIZE, region as legend. nb- u can skip legend ).

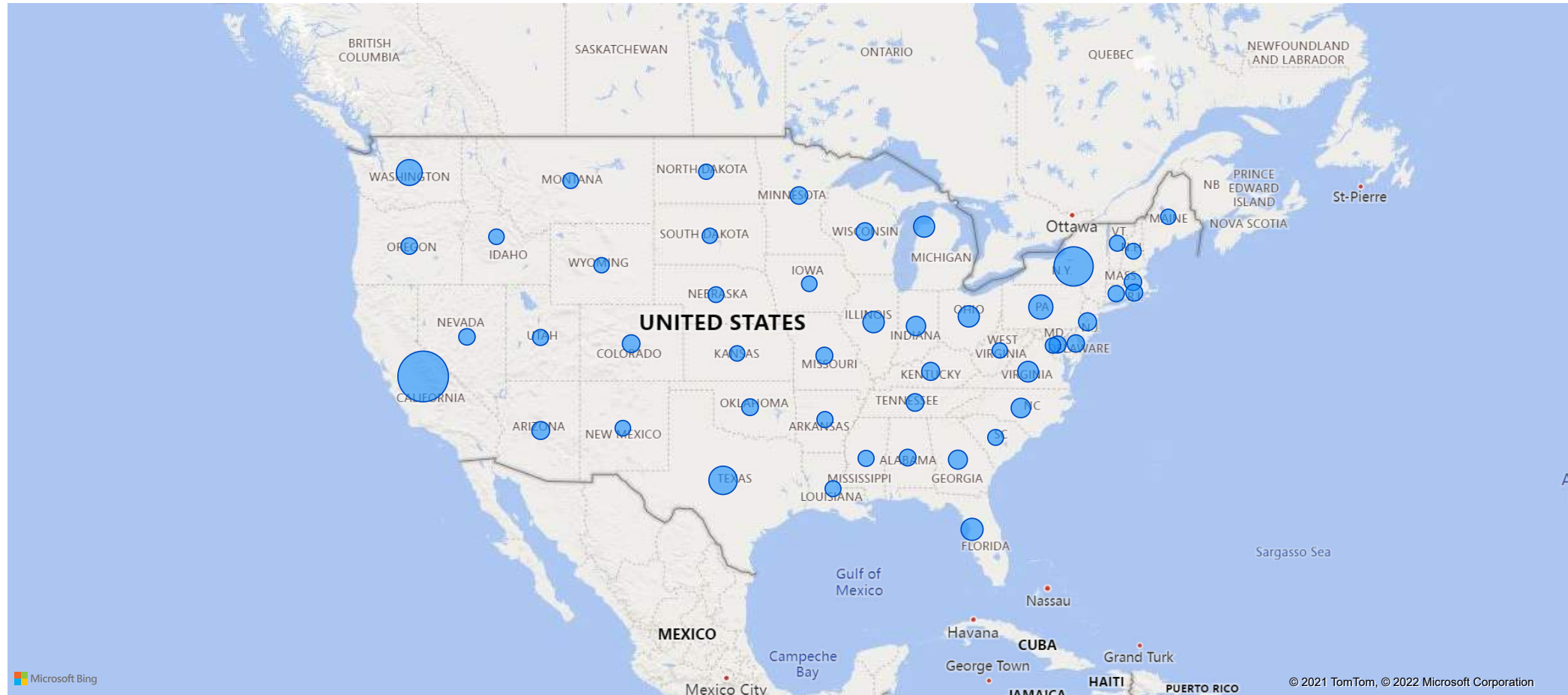
Sales by State and Region

**Region** ● Central ● East ● South ● West



A SIMPLE MAP (with state/region in LOCATION, sales in SIZE, without legend-input eg region).

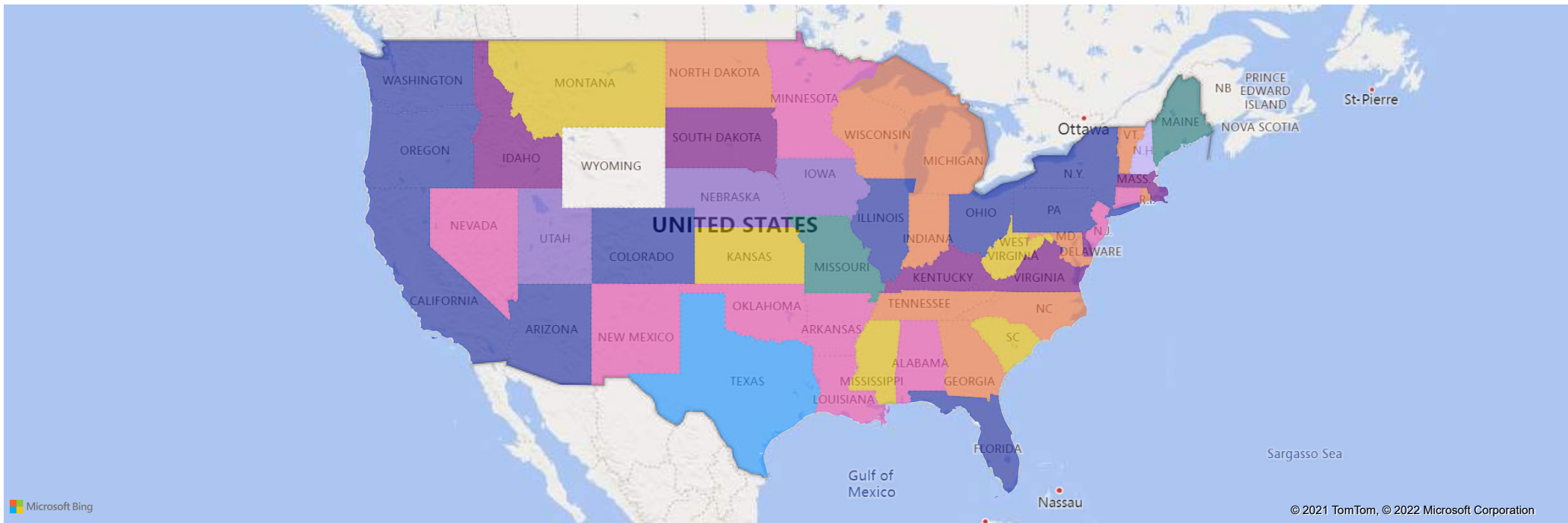
Sales by State



FILLED MAP (with State in LOCATION and profit/sales in Legend).

## State and Sales

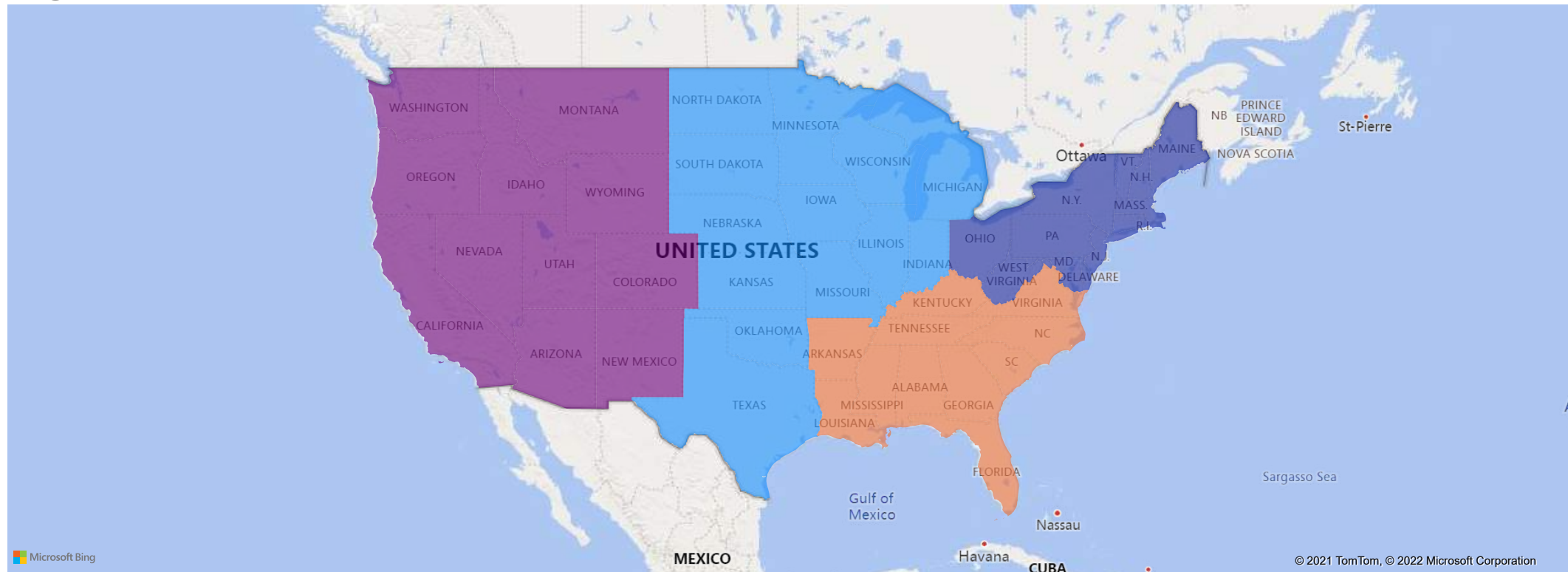
**Sales** 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 ▶



FILLED MAP (with State in LOCATION and Region in LEGEND and profit/sales in TOOLTIPS). NB- Filled map has no size value like simple-map.

Sales by State and Region

**Region** ● Central ● East ● South ● West

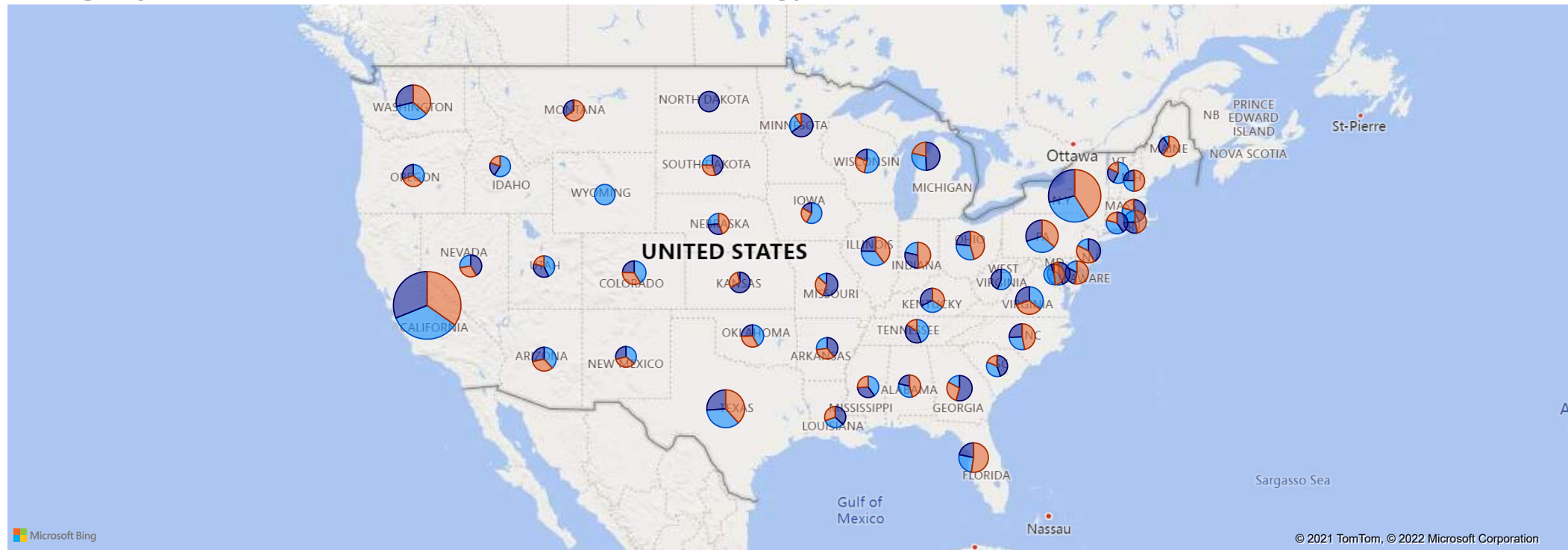




A SIMPLE-MAP WITH PIE CHART (with State in LOCATION and category in LEGEND, increase bubble size in format for piecharts 2b visible- U can put sales/profit in SIZE as see Sales per category per state).

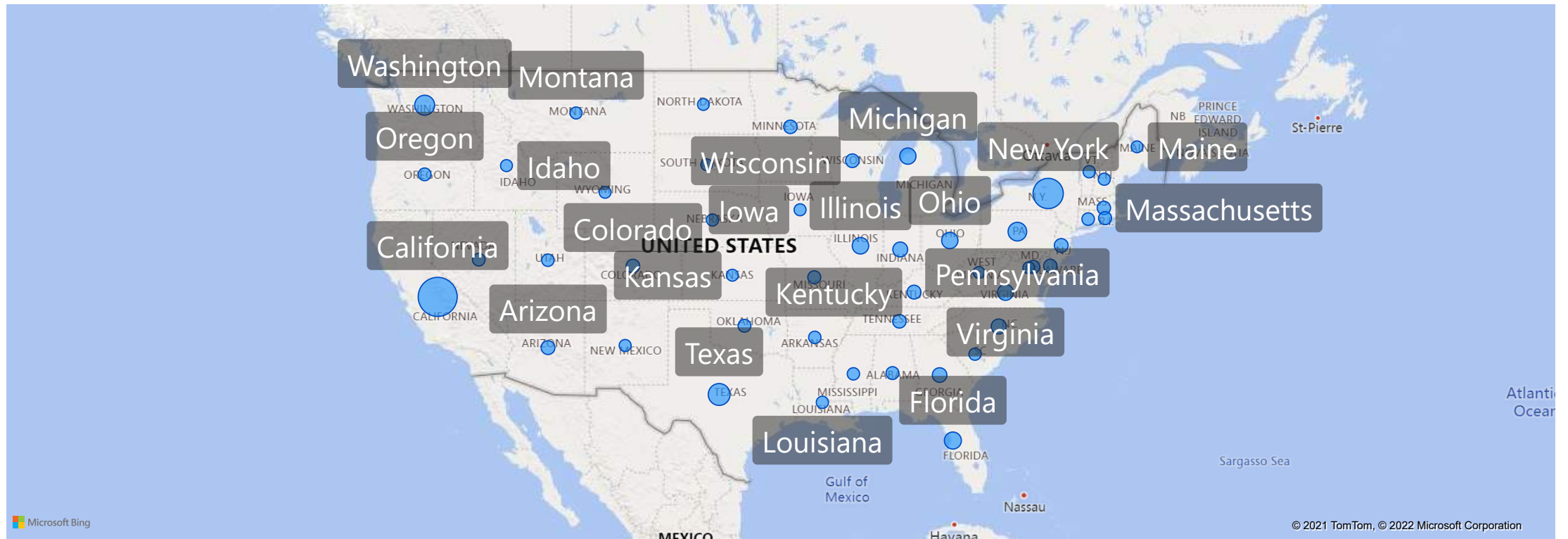
Sales by State and Category

**Category** ● Furniture ● Office Supplies ● Technology



FORMATING SIMPLE MAp- Category switched on, title changed, tooltip labels coloured, border added etc.

### Sales by State in USA.



A SIMPLE TABLE ALWAYS HAS ONLY 1 FIELD ie VALUES. (We put sub-category, sales, profit & Quantity,. ALL into VALUES).

| Sub-Category Profit |                   |
|---------------------|-------------------|
| Accessories         | 41,936.64         |
| Appliances          | 18,138.01         |
| Art                 | 6,527.79          |
| Binders             | 30,221.76         |
| Bookcases           | -3,472.56         |
| Chairs              | 26,590.17         |
| Copiers             | 55,617.82         |
| Envelopes           | 6,964.18          |
| Fasteners           | 949.52            |
| Furnishings         | 13,059.14         |
| <b>Total</b>        | <b>286,397.02</b> |

A SIMPLE MAP  
BU DIFFERENTLY  
FORMATED  
(with different  
fonts,  
background  
colors, add title,  
grid on etc)

| Sub-Category | Sales          | Profit            | Quantity     |
|--------------|----------------|-------------------|--------------|
| Accessories  | 167400         | 41,936.64         | 2976         |
| Appliances   | 107537         | 18,138.01         | 1729         |
| Art          | 27136          | 6,527.79          | 3000         |
| Binders      | 203425         | 30,221.76         | 5974         |
| Bookcases    | 114879         | -3,472.56         | 868          |
| Chairs       | 328453         | 26,590.17         | 2356         |
| Copiers      | 149530         | 55,617.82         | 234          |
| Envelopes    | 16477          | 6,964.18          | 906          |
| Fasteners    | 3024           | 949.52            | 914          |
| Furnishings  | 91704          | 13,059.14         | 3563         |
| Labels       | 12505          | 5,546.25          | 1400         |
| Machines     | 189242         | 3,384.76          | 440          |
| Paper        | 78475          | 34,053.57         | 5178         |
| Phones       | 330047         | 44,515.73         | 3289         |
| Storage      | 223860         | 21,278.83         | 3158         |
| Supplies     | 46679          | -1,189.10         | 647          |
| Tables       | 206967         | -17,725.48        | 1241         |
| <b>Total</b> | <b>2297340</b> | <b>286,397.02</b> | <b>37873</b> |

A SIMPLE MAP BUT DIFFERENTLY FORMATED (with diffrent fonts, background colors, add title, grid on, with different STYLE-PRESETS).

| Sub-Category | Sales   | Profit     |
|--------------|---------|------------|
| Accessories  | 167400  | 41,936.64  |
| Appliances   | 107537  | 18,138.01  |
| Art          | 27136   | 6,527.79   |
| Binders      | 203425  | 30,221.76  |
| Bookcases    | 114879  | -3,472.56  |
| Chairs       | 328453  | 26,590.17  |
| Copiers      | 149530  | 55,617.82  |
| Envelopes    | 16477   | 6,964.18   |
| Fasteners    | 3024    | 949.52     |
| Furnishings  | 91704   | 13,059.14  |
| Labels       | 12505   | 5,546.25   |
| Machines     | 189242  | 3,384.76   |
| Paper        | 78475   | 34,053.57  |
| Phones       | 330047  | 44,515.73  |
| Storage      | 223860  | 21,278.83  |
| Supplies     | 46679   | -1,189.10  |
| Tables       | 206967  | -17,725.48 |
| Total        | 2297340 | 286,397.02 |

| Sub-Category | Sales   | Profit     | Quantity |
|--------------|---------|------------|----------|
| Accessories  | 167400  | 41,936.64  | 2976     |
| Appliances   | 107537  | 18,138.01  | 1729     |
| Art          | 27136   | 6,527.79   | 3000     |
| Binders      | 203425  | 30,221.76  | 5974     |
| Bookcases    | 114879  | -3,472.56  | 868      |
| Chairs       | 328453  | 26,590.17  | 2356     |
| Copiers      | 149530  | 55,617.82  | 234      |
| Envelopes    | 16477   | 6,964.18   | 906      |
| Fasteners    | 3024    | 949.52     | 914      |
| Furnishings  | 91704   | 13,059.14  | 3563     |
| Labels       | 12505   | 5,546.25   | 1400     |
| Machines     | 189242  | 3,384.76   | 440      |
| Paper        | 78475   | 34,053.57  | 5178     |
| Phones       | 330047  | 44,515.73  | 3289     |
| Storage      | 223860  | 21,278.83  | 3158     |
| Supplies     | 46679   | -1,189.10  | 647      |
| Tables       | 206967  | -17,725.48 | 1241     |
| Total        | 2297340 | 286,397.02 | 37873    |



CONDITIONAL FORMATING SIMPLE TABLE (on Sales, i have put background color, on Profit i have put font color & Icon, on Quantity, i have put DATA BARS and Icons). (NB, Icons updates automatically with Data change).

| Sub-Category | Sales          | Profit            | Quantity     |
|--------------|----------------|-------------------|--------------|
| Copiers      | 149530         | ↑ 55,617.82       | ◇ 234        |
| Phones       | 330047         | ↑ 44,515.73       | ▲ 3289       |
| Accessories  | 167400         | ↑ 41,936.64       | ▲ 2976       |
| Paper        | 78475          | ↑ 34,053.57       | ● 5178       |
| Binders      | 203425         | → 30,221.76       | ● 5974       |
| Chairs       | 328453         | → 26,590.17       | ▲ 2356       |
| Storage      | 223860         | → 21,278.83       | ▲ 3158       |
| Appliances   | 107537         | → 18,138.01       | ◇ 1729       |
| Furnishings  | 91704          | → 13,059.14       | ▲ 3563       |
| Envelopes    | 16477          | → 6,964.18        | ◇ 906        |
| Art          | 27136          | → 6,527.79        | ▲ 3000       |
| Labels       | 12505          | ↓ 5,546.25        | ◇ 1400       |
| Machines     | 189242         | ↓ 3,384.76        | ◇ 440        |
| Fasteners    | 3024           | ↓ 949.52          | ◇ 914        |
| Supplies     | 46679          | ↓ -1,189.10       | ◇ 647        |
| Bookcases    | 114879         | ↓ -3,472.56       | ◇ 868        |
| Tables       | 206967         | ↓ -17,725.48      | ◇ 1241       |
| <b>Total</b> | <b>2297340</b> | <b>286,397.02</b> | <b>37873</b> |

HOW TO CHANGE AGGREGATION IN POWER BI SIMPLE TABLE.(Change sales to Max-sales n median-slae, change profit to Average profit, change Quantity to count-Quantity and finally change 2nd profit column to percentage of grand Total). - Use **DROPDOWN**-arrow on each field. (from table 1 to 2).

| Sub-Category | Sales          | Profit           |
|--------------|----------------|------------------|
| Phones       | 330047         | 44,515.7         |
| Chairs       | 328453         | 26,590.1         |
| Storage      | 223860         | 21,278.8         |
| Tables       | 206967         | -17,725.4        |
| Binders      | 203425         | 30,221.7         |
| Machines     | 189242         | 3,384.7          |
| Accessories  | 167400         | 41,936.6         |
| Copiers      | 149530         | 55,617.8         |
| <b>Total</b> | <b>2297340</b> | <b>286,397.0</b> |

| Sub-Category | Max of Sales | Average of Profit | Count of Quantity | %GT Profit     | Median of Sales | State |
|--------------|--------------|-------------------|-------------------|----------------|-----------------|-------|
| Paper        | 734          | 27.60             | 289               | 2.79%          | 32              | Calif |
| Binders      | 5084         | 36.24             | 276               | 3.49%          | 26              | Calif |
| Furnishings  | 1049         | 29.38             | 191               | 1.96%          | 43              | Calif |
| Binders      | 4355         | 61.99             | 179               | 3.87%          | 29              | New   |
| Phones       | 4159         | 36.68             | 172               | 2.20%          | 218.5           | Calif |
| Art          | 386          | 9.79              | 165               | 0.56%          | 15              | Calif |
| Storage      | 1856         | 45.03             | 160               | 2.52%          | 140             | Calif |
| Binders      | 2178         | -96.11            | 153               | -5.13%         | 7               | Texas |
| <b>Total</b> | <b>22638</b> | <b>28.66</b>      | <b>9994</b>       | <b>100.00%</b> | <b>54</b>       |       |

MATRIX TABLE has ROW, COLUMN & VALUES in Fields unlike simple table that has only values.(This helps us in avoid repetition of eg sub-categories)- see below simple table to Matrix table.(sub-category in ROWS, Region in Columns & Sales in VALUES).

































| Sub-Category | Region  |
|--------------|---------|
| Accessories  | Central |
| Accessories  | East    |
| Accessories  | South   |
| Accessories  | West    |
| Appliances   | Central |
| Appliances   | East    |
| Appliances   | South   |
| Appliances   | West    |
| <b>Total</b> |         |

| Sub-Category | Central       | East          | South         | West          | <b>Total</b>   |
|--------------|---------------|---------------|---------------|---------------|----------------|
| Accessories  | 33962         | 45038         | 27280         | 61120         | <b>167400</b>  |
| Appliances   | 23581         | 34191         | 19525         | 30240         | <b>107537</b>  |
| Art          | 5763          | 7497          | 4662          | 9214          | <b>27136</b>   |
| Binders      | 56926         | 53500         | 37032         | 55967         | <b>203425</b>  |
| Bookcases    | 24153         | 43819         | 10900         | 36007         | <b>114879</b>  |
| Chairs       | 85228         | 96262         | 45177         | 101786        | <b>328453</b>  |
| Copiers      | 37260         | 53220         | 9300          | 49750         | <b>149530</b>  |
| Envelopes    | 4638          | 4375          | 3344          | 4120          | <b>16477</b>   |
| <b>Total</b> | <b>501253</b> | <b>678828</b> | <b>391748</b> | <b>725511</b> | <b>2297340</b> |

CONDITIONAL FORMATTING IN MATRIX TABLE(sub-category is ROW, Region is COLUMN and profit is VALUE)( we set Data bars on cell elements, color +ve profit we hv a light blue color and -ve profit or Loss we have a light pink color).

| Sub-Category | Central          | East             | South            | West              | Total             |
|--------------|------------------|------------------|------------------|-------------------|-------------------|
| Accessories  | 7,251.63         | 11,195.86        | 7,004.54         | 16,484.60         | 41,936.64         |
| Appliances   | -2,638.62        | 8,391.41         | 4,123.94         | 8,261.27          | 18,138.01         |
| Art          | 1,195.16         | 1,899.94         | 1,058.59         | 2,374.10          | 6,527.79          |
| Binders      | -1,043.64        | 11,267.93        | 3,900.66         | 16,096.80         | 30,221.76         |
| Bookcases    | -1,997.90        | -1,167.63        | 1,339.49         | -1,646.51         | -3,472.56         |
| Chairs       | 6,592.72         | 9,357.77         | 6,612.09         | 4,027.58          | 26,590.17         |
| Copiers      | 15,608.84        | 17,022.84        | 3,658.91         | 19,327.24         | 55,617.82         |
| Envelopes    | 1,777.53         | 1,812.41         | 1,465.48         | 1,908.76          | 6,964.18          |
| <b>Total</b> | <b>39,706.36</b> | <b>91,522.78</b> | <b>46,749.43</b> | <b>108,418.45</b> | <b>286,397.02</b> |

CONDITIONAL FORMATTING IN MATRIX TABLE(sub-category is ROW, Region is COLUMN and profit is VALUE)( we set Data bars on cell elements, color +ve profit we hv a light blue color and -ve profit or Loss we have a light pink color). - with ICONS to show KPIs.

| Sub-Category | Central                                                                                       | East                                                                                          | South                                                                                        | West                                                                                            | Total             |
|--------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------|
| Accessories  |  7,251.63    |  11,195.86   |  7,004.54   |  16,484.60   | <b>41,936.64</b>  |
| Appliances   |  -2,638.62   |  8,391.41    |  4,123.94   |  8,261.27    | <b>18,138.01</b>  |
| Art          |  1,195.16    |  1,899.94    |  1,058.59   |  2,374.10    | <b>6,527.79</b>   |
| Binders      |  -1,043.64   |  11,267.93   |  3,900.66   |  16,096.80   | <b>30,221.76</b>  |
| Bookcases    |  -1,997.90   |  -1,167.63   |  1,339.49   |  -1,646.51   | <b>-3,472.56</b>  |
| Chairs       |  6,592.72   |  9,357.77   |  6,612.09  |  4,027.58   | <b>26,590.17</b>  |
| Copiers      |  15,608.84 |  17,022.84 |  3,658.91 |  19,327.24 | <b>55,617.82</b>  |
| Envelopes    |  1,777.53  |  1,812.41  |  1,465.48 |  1,908.76  | <b>6,964.18</b>   |
| <b>Total</b> | <b>39,706.36</b>                                                                              | <b>91,522.78</b>                                                                              | <b>46,749.43</b>                                                                             | <b>108,418.45</b>                                                                               | <b>286,397.02</b> |

⬅️ HIERARCHIES IN MATRIX TABLE. (U can have many fields in ROW eg sub-category, category, region, segment etc) and on VALUES, you have sales or profit. (Hierarchies can only be created on Matrix tables) (Square-button is the EXPAND button- More info on less Space)

| Category          | Sales          |
|-------------------|----------------|
| ▢ Furniture       | 742003         |
| Bookcases         | 114879         |
| Chairs            | 328453         |
| Furnishings       | 91704          |
| Tables            | 206967         |
| ▢ Office Supplies | 719118         |
| ▢ Technology      | 836219         |
| Accessories       | 167400         |
| <b>Total</b>      | <b>2297340</b> |

| Category          | Sales          |
|-------------------|----------------|
| ▢ Furniture       | 742003         |
| Central           | 163789         |
| East              | 208289         |
| South             | 117306         |
| West              | 252619         |
| ▢ Office Supplies | 719118         |
| Central           | 167032         |
| East              | 205546         |
| South             | 125661         |
| <b>Total</b>      | <b>2297340</b> |

HIERARCHIES IN MATRIX TABLE. (U can have many fields in ROW eg sub-category, category, region, segment etc) and on VALUES, you have sales or profit.

(Hierarchies can only be created on Matrix tables) (

Square-button is the EXPAND button- see FOLK-SIGN to see allchildren and grand-children fields. use DOUBLE-ARROW icon to go to the next hierarchy level. More info on less Space)

| Category        | Profit     | Sales |
|-----------------|------------|-------|
| [-] Furniture   | 18,451.27  | 7420  |
| [-] Bookcases   | -3,472.56  | 1148  |
| [+] Central     | -1,997.90  | 241   |
| [+] East        | -1,167.63  | 438   |
| [+] South       | 1,339.49   | 109   |
| [+] West        | -1,646.51  | 360   |
| [-] Chairs      | 26,590.17  | 3284  |
| [+] Central     | 6,592.72   | 852   |
| [+] East        | 9,357.77   | 962   |
| [+] South       | 6,612.09   | 451   |
| [+] West        | 4,027.58   | 1017  |
| [-] Furnishings | 13,059.14  | 917   |
| Total           | 286,397.02 | 22973 |

MATRIX TABLE WITH HIERARCHY WITH ROWS, COLUMN AND VALUES. U CAN USE DOUBLE-ARROW ICON TO MOVE BETWEEN HIERARCHIES BOTH IN ROWS & COLUMN.

| Year              | 2016      |        | 2017      |        | 2018      |        | 2019      |        | Total      |
|-------------------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|------------|
| Category          | Profit    | Sales  | Profit    | Sales  | Profit    | Sales  | Profit    | Sales  | Profit     |
| ▢ Furniture       | 5,457.73  | 157188 | 3,015.20  | 170517 | 6,959.95  | 198909 | 3,018.39  | 215389 | 18,451.27  |
| Bookcases         | -346.17   | 20037  | -2,755.23 | 38537  | 212.47    | 26279  | -583.63   | 30026  | -3,471.56  |
| Chairs            | 6,955.05  | 77239  | 6,228.42  | 71741  | 5,763.15  | 83918  | 7,643.55  | 95555  | 26,590.17  |
| Furnishings       | 1,972.89  | 13821  | 3,051.82  | 21087  | 3,935.27  | 27880  | 4,099.16  | 28916  | 13,069.14  |
| Tables            | -3,124.04 | 46091  | -3,509.80 | 39152  | -2,950.94 | 60832  | -8,140.69 | 60892  | -17,725.29 |
| ▢ Office Supplies | 22,593.42 | 151778 | 25,099.53 | 137247 | 35,061.23 | 183959 | 39,736.62 | 246134 | 122,490.80 |
| Appliances        | 2,459.50  | 15316  | 2,511.90  | 23242  | 5,301.34  | 26053  | 7,865.27  | 42926  | 18,138.01  |
| Art               | 1,406.80  | 6061   | 1,485.06  | 6237   | 1,413.96  | 5963   | 2,221.96  | 8875   | 6,536.79   |
| Binders           | 4,739.72  | 43489  | 7,596.67  | 37455  | 10,215.63 | 49686  | 7,669.74  | 72795  | 30,281.81  |
| Envelopes         | 1,495.48  | 3852   | 1,960.19  | 4510   | 2,066.75  | 4734   | 1,441.76  | 3381   | 6,898.28   |
| Total             | 49,543.97 | 484251 | 61,618.60 | 470557 | 81,795.17 | 609252 | 93,439.27 | 733280 | 286,396.94 |



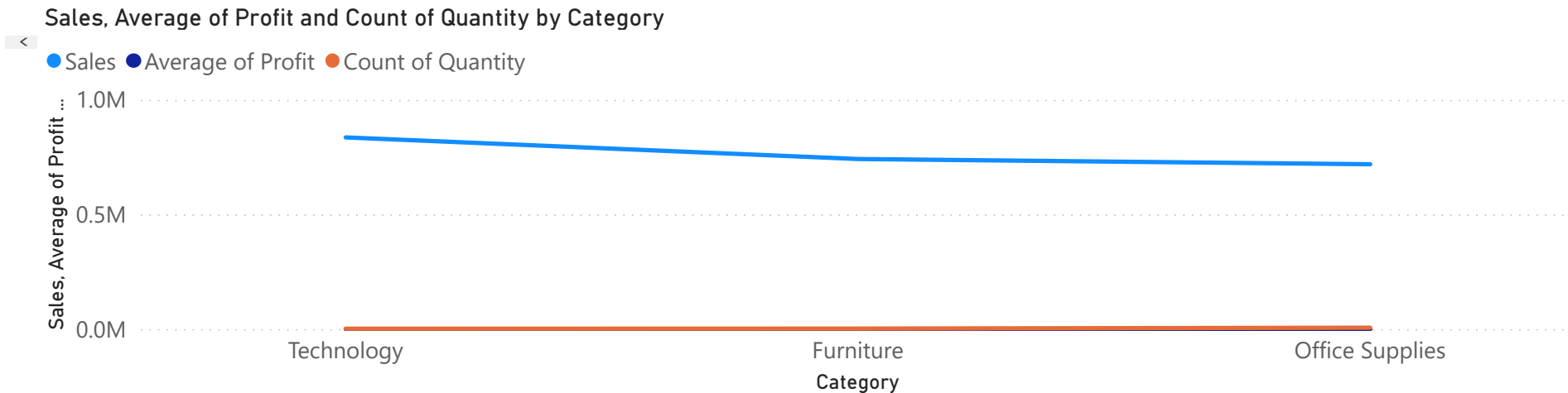
FORMATTING BOTH SUB-TOTALS AND GRAND TOTALS. (Grand-total is the largest aTotal of ALL FIELDS while sub-total is the TOTAL of each FIELD. )

Grand total has Black background and white font while sub-totals has black font on a blue background. - same works for column totals if you have them.

| Category          | Sales   |
|-------------------|---------|
| ☐ Furniture       | 742003  |
| Central           | 163789  |
| East              | 208289  |
| South             | 117306  |
| West              | 252619  |
| ☐ Office Supplies | 719118  |
| Central           | 167032  |
| East              | 205546  |
| South             | 125661  |
| West              | 220879  |
| Total             | 2297340 |

## DIFFERENT AGGREGATIONS IN POWER BI. (Change at the dropdown).

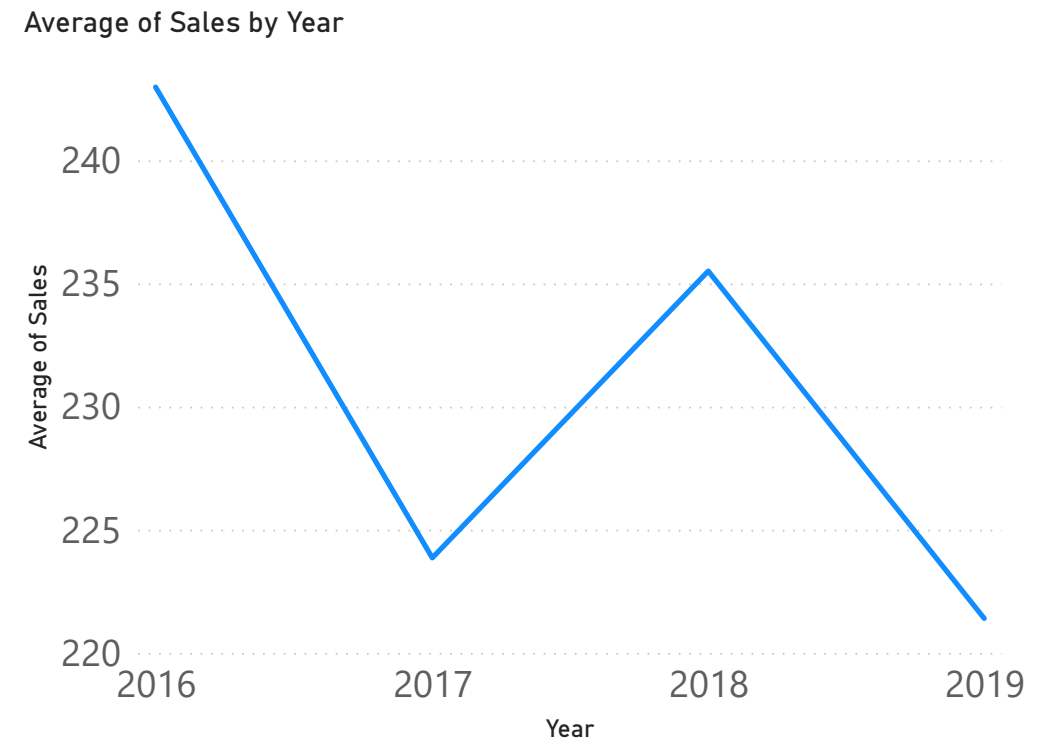
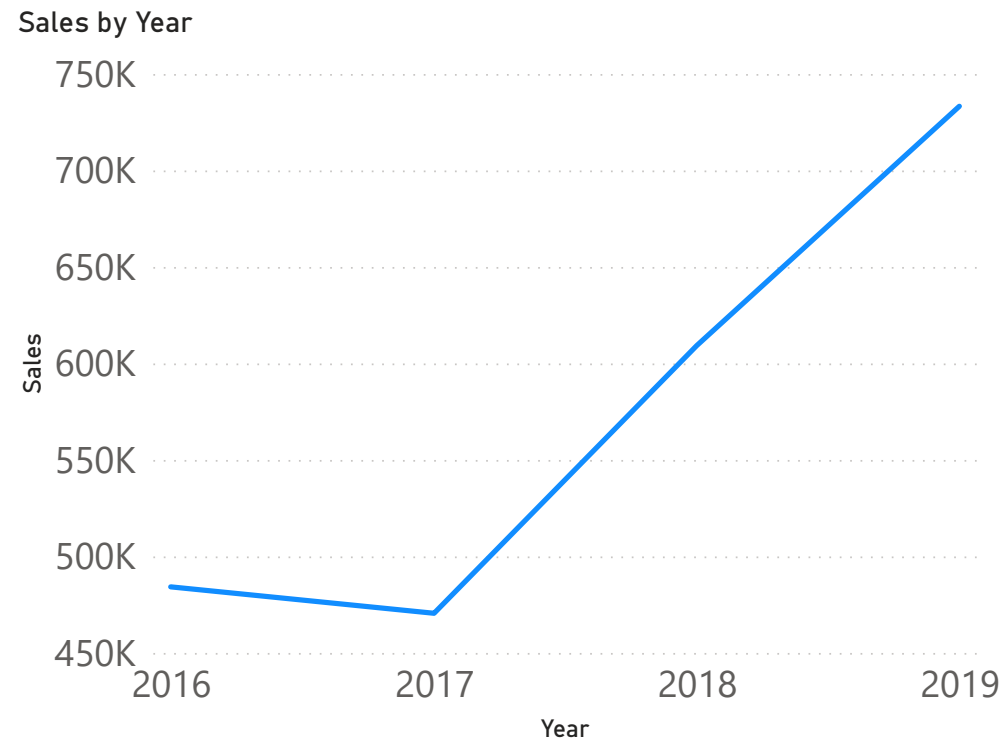
| Category        | Sales          | Average of Profit | Count of Quantity | %GT Profit     | Max of   |
|-----------------|----------------|-------------------|-------------------|----------------|----------|
| Technology      | 836219         | 78.75             | 1847              | 50.79%         | 2        |
| Furniture       | 742003         | 8.70              | 2121              | 6.44%          |          |
| Office Supplies | 719118         | 20.33             | 6026              | 42.77%         |          |
| <b>Total</b>    | <b>2297340</b> | <b>28.66</b>      | <b>9994</b>       | <b>100.00%</b> | <b>2</b> |



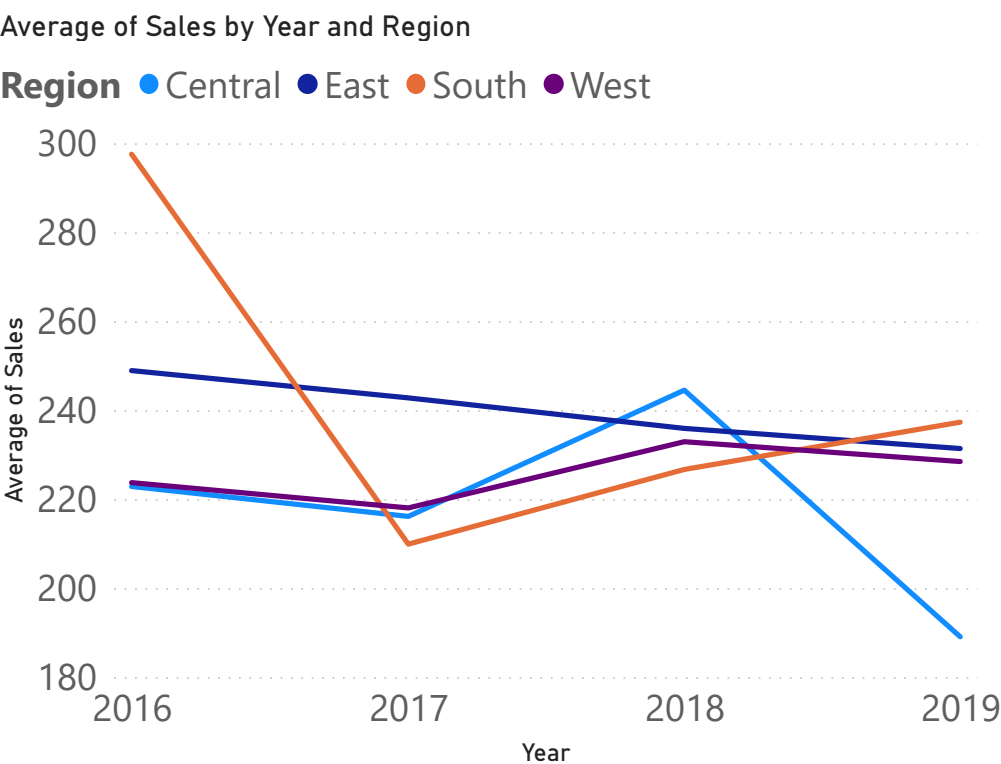
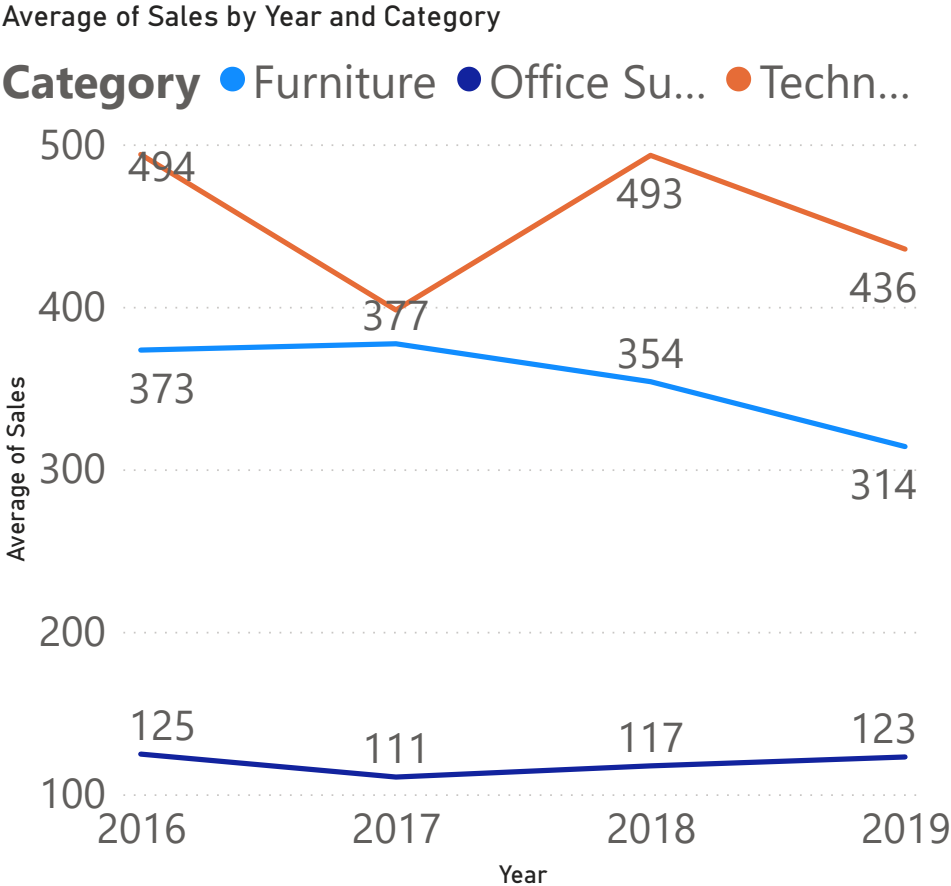
FORMATTING NUMBERS (DATATYPE) Eg from decimals to Total number etc. (Sales is now whole number, shiiping mode to text, orde date to datetime, and promotion to binary).

| Category        | Sales<br>▼ | Average of Profit | Quantity | %GT Profit | Max of Sales |
|-----------------|------------|-------------------|----------|------------|--------------|
| Technology      | 836219     | 78.75             | 6939     | 50.79%     | 22638        |
| Furniture       | 742003     | 8.70              | 8028     | 6.44%      | 4416         |
| Office Supplies | 719118     | 20.33             | 22906    | 42.77%     | 9893         |
| Total           | 2297340    | 28.66             | 37873    | 100.00%    | 22638        |

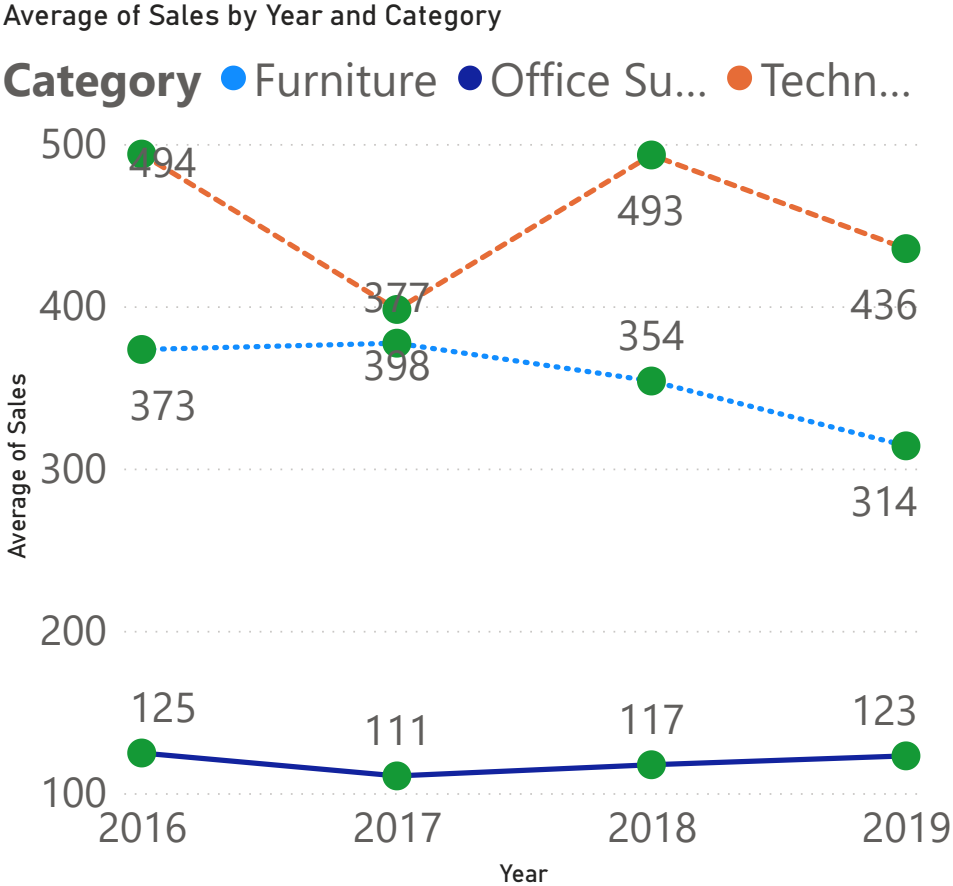
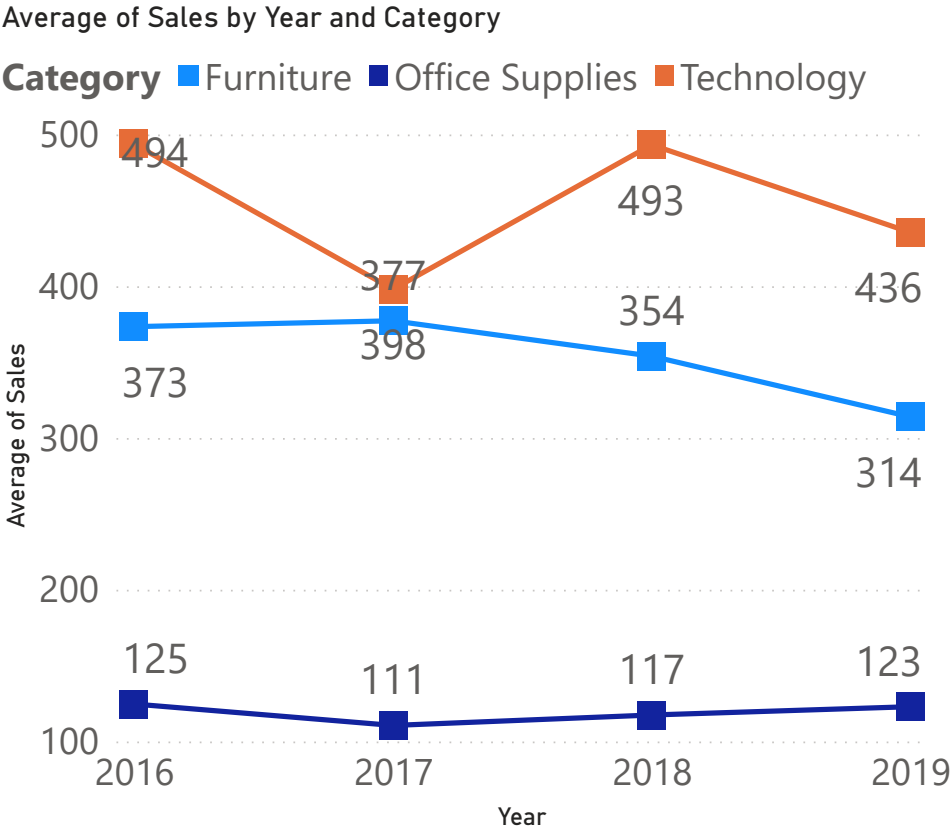
LINE CHART- It is created when we have a DATE DATATYPE to show a PROGRESS or a TREND. (Date comes on Axis, while sales/profit /cost etc are on Values)- U can also format values eg average sale, %profit etc- as in graph 2.



1st Line chart with category in Legend on, data labels on. 2nd Line chart , region is the legend but data label is off.



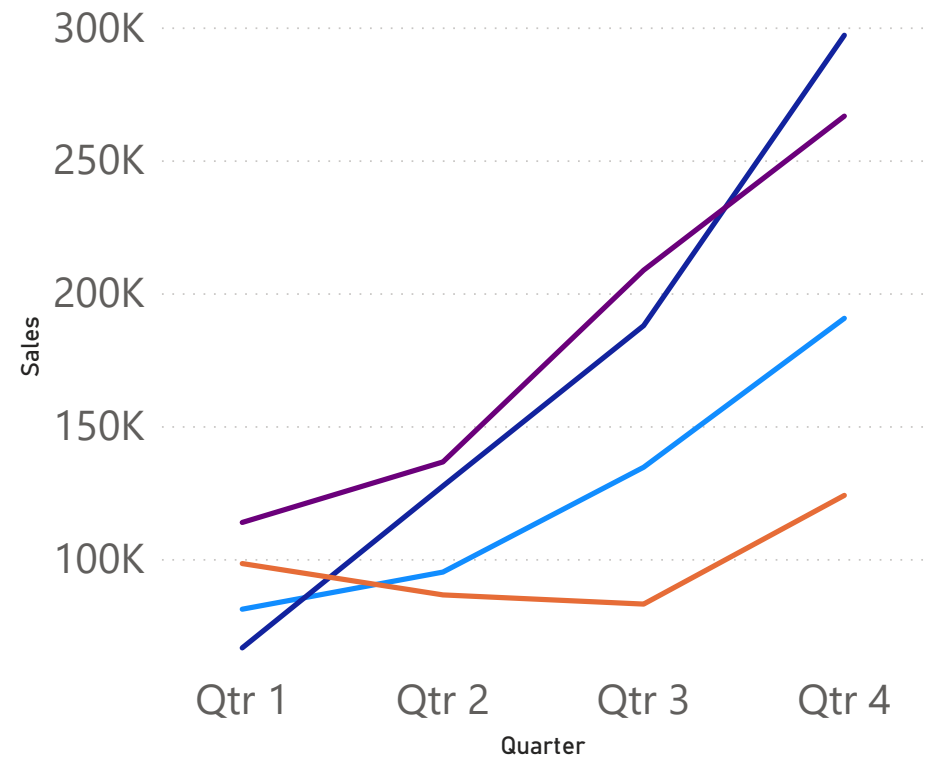
Line chart with data labels on, category as legend and marker-shapes on. on 2nd chart- (Furniture line is dotted, tech is dashed, office supplies is solid. Join type is ROUND for all).



Line Charts DRILLED down to lowest x-axis levels . new way is to use FILTERS panel.

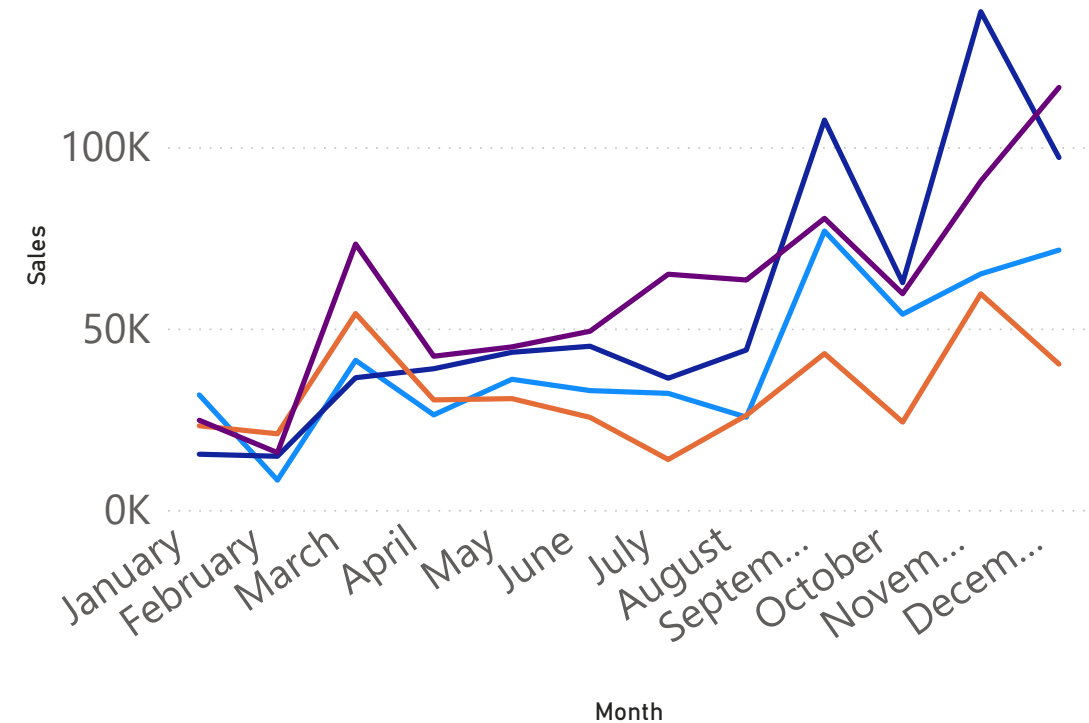
Sales by Quarter and Region

**Region** ● Central ● East ● South ● West



Sales by Month and Region

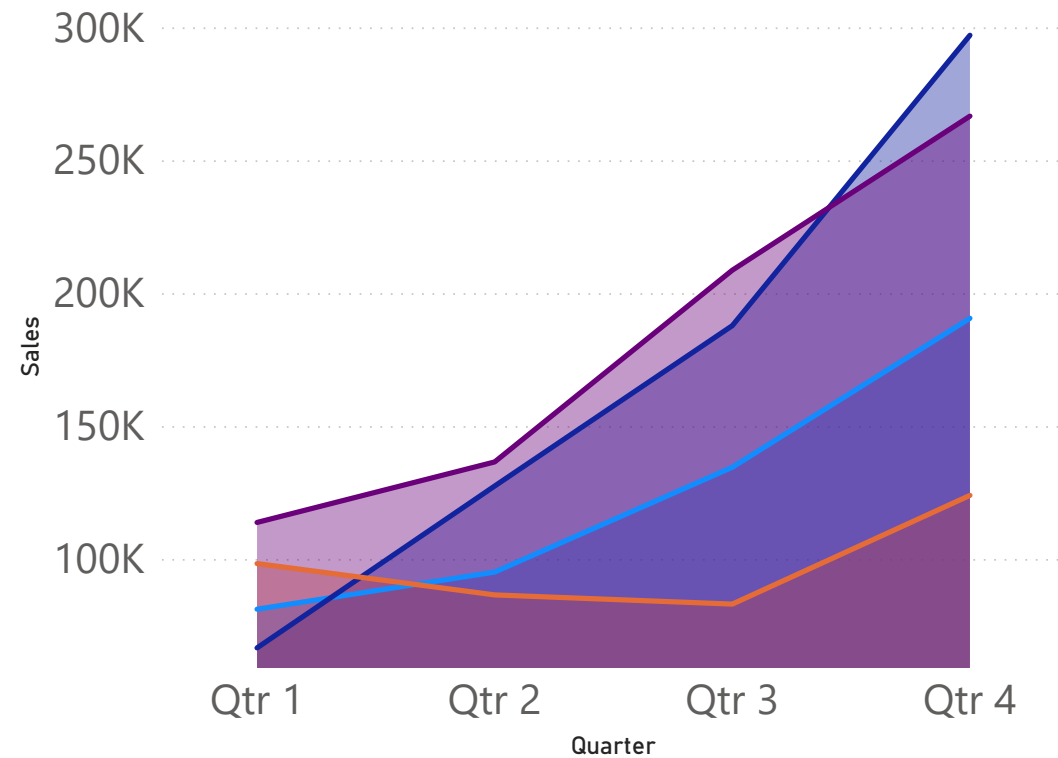
**Region** ● Central ● East ● South ● West



AREA CHART. (The area below line chart gets filled up with different colour). 2nd Area-chart has data labels on.

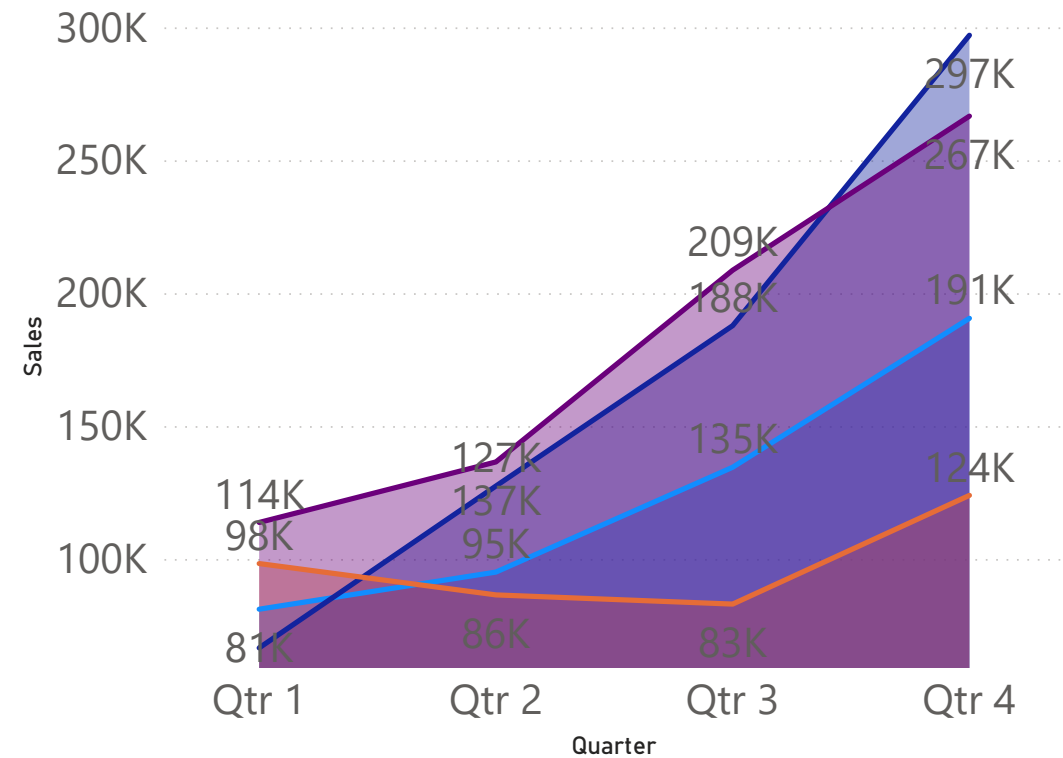
Sales by Quarter and Region

**Region** ● Central ● East ● South ● West



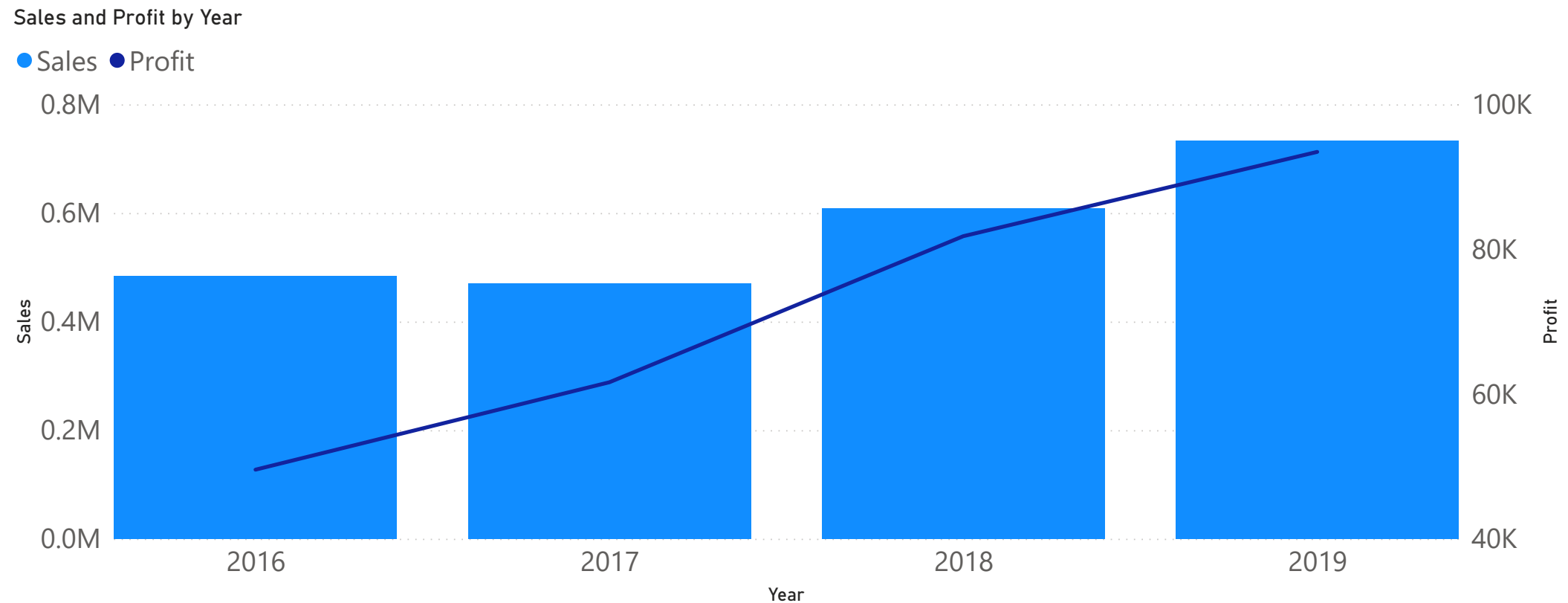
Sales by Quarter and Region

**Region** ● Central ● East ● South ● West





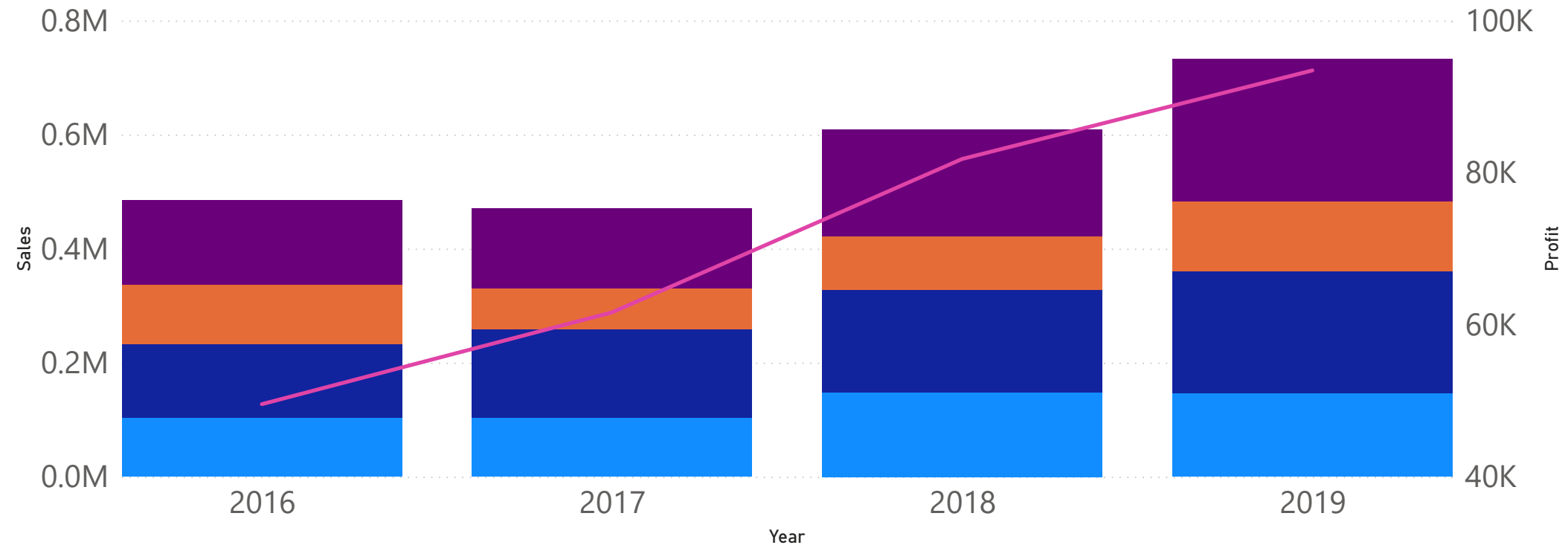
LINE COLUMN CHART. (Date is on x-axis, sales on Column Values and Profit on Line Values). (NB - line column chart has SECONDARY axis on the right side showing figures of line value)



LINE COLUMN CHART. Showing sales DISTRIBUTIONS in different REGIONS- u add a value on column series (Date is on x-axis, sales on Column Values and Profit on Line Values & Regions on COLUMN SERIES). (NB - line column chart has SECONDARY axis on the right side showing figures of line value). Numerical measures are sales and profit, while 2 dimensions are order date and regions. Here, u can compare between the YEARS- eg different-regions-sales between different years.

Sales and Profit by Year and Region

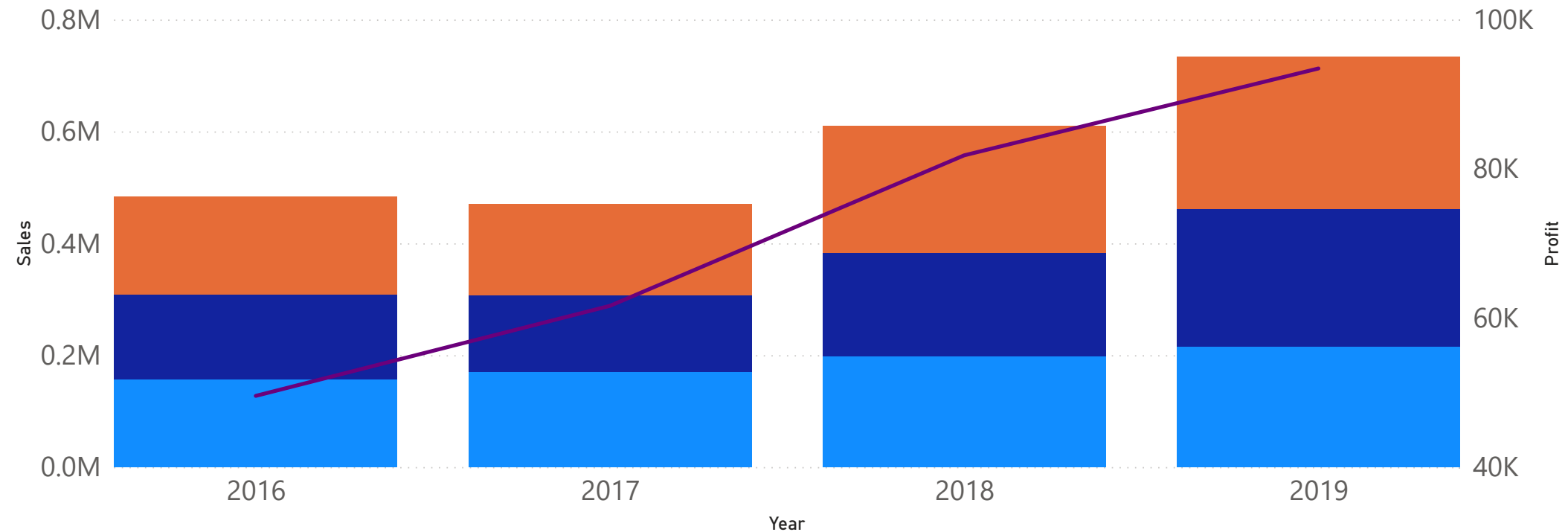
**Region** ● Central ● East ● South ● West ● Profit



LINE COLUMN CHART. Showing sales DISTRIBUTIONS in different Categories- u add a value on column series (Date is on x-axis, sales on Column Values and Profit on Line Values & CATEGORY on COLUMN SERIES). (NB - line column chart has SECONDARY axis on the right side showing figures of line value). Numerical measures have  $\Sigma$  sign ie are sales and profit, while 2 dimensions are order date & categories.

Sales and Profit by Year and Category

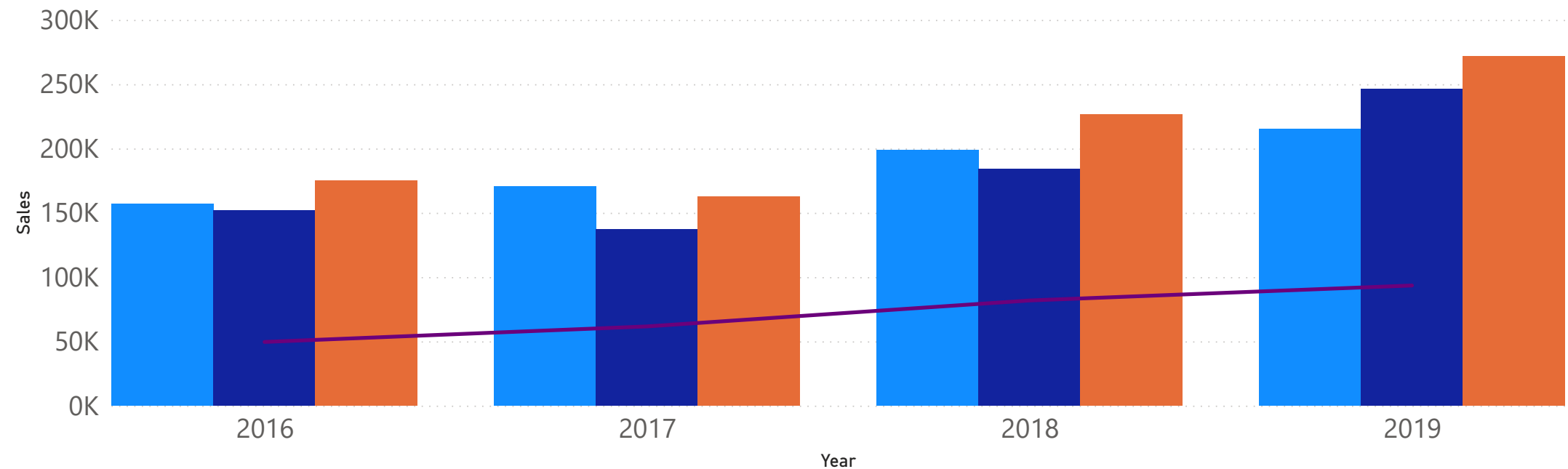
**Category** ● Furniture ● Office Supplies ● Technology ● Profit



LINE AND STACKED COLUMN CHART. Showing sales DISTRIBUTIONS in different Categories- u add a value on column series (Date is on x-axis, sales on Column Values and Profit on Line Values & CATEGORY on COLUMN SERIES). (NB - line column chart has SECONDARY axis on the right side showing figures of line value). Numerical measures have  $\Sigma$  sign ie are sales and profit, while 2 dimensions are order date & categories. Here, we don't compare between the YEARS- we compare between difference categories in 1 specific YR.

Sales and Profit by Year and Category

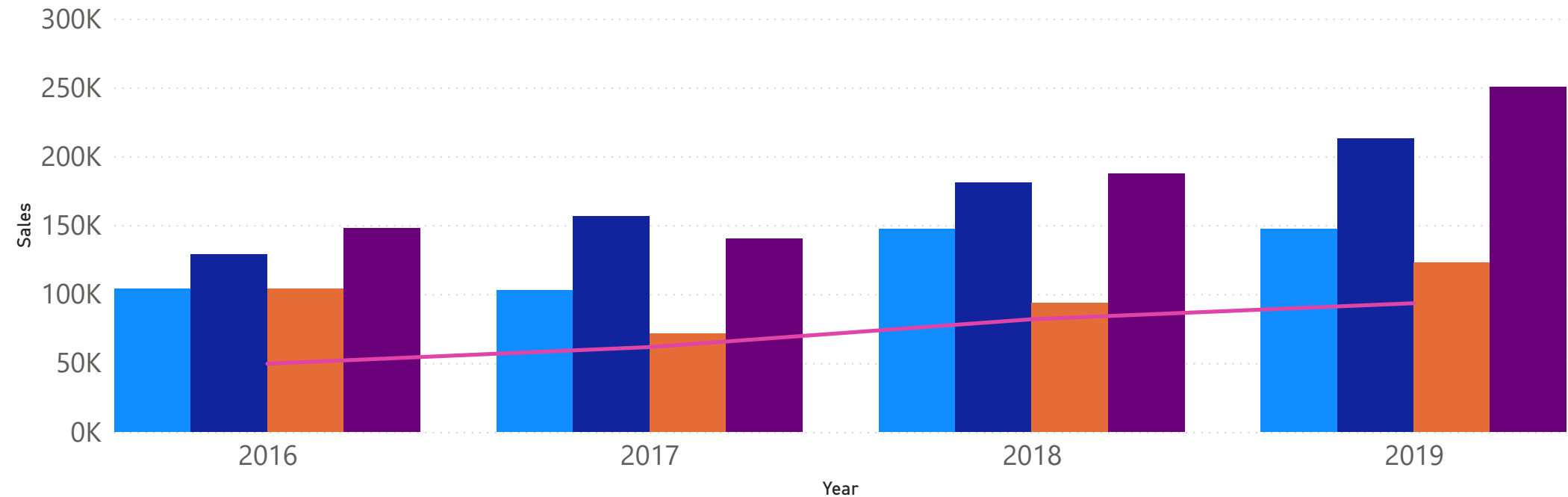
**Category** ● Furniture ● Office Supplies ● Technology ● Profit



LINE AND STACKED COLUMN CHART. Showing sales DISTRIBUTIONS in different Categories- u add a value on column series(Date is on x-axis, sales on Column Values and Profit on Line Values & CATEGORY on COLUMN SERIES). (NB - line column chart has SECONDARY axis on the right side showing figures of line value). Numerical measures are sales and profit, while 2 dimensions are order date & regions. Here, we don't compare between the YEARS- we compare between difference regions in 1 specific YR.

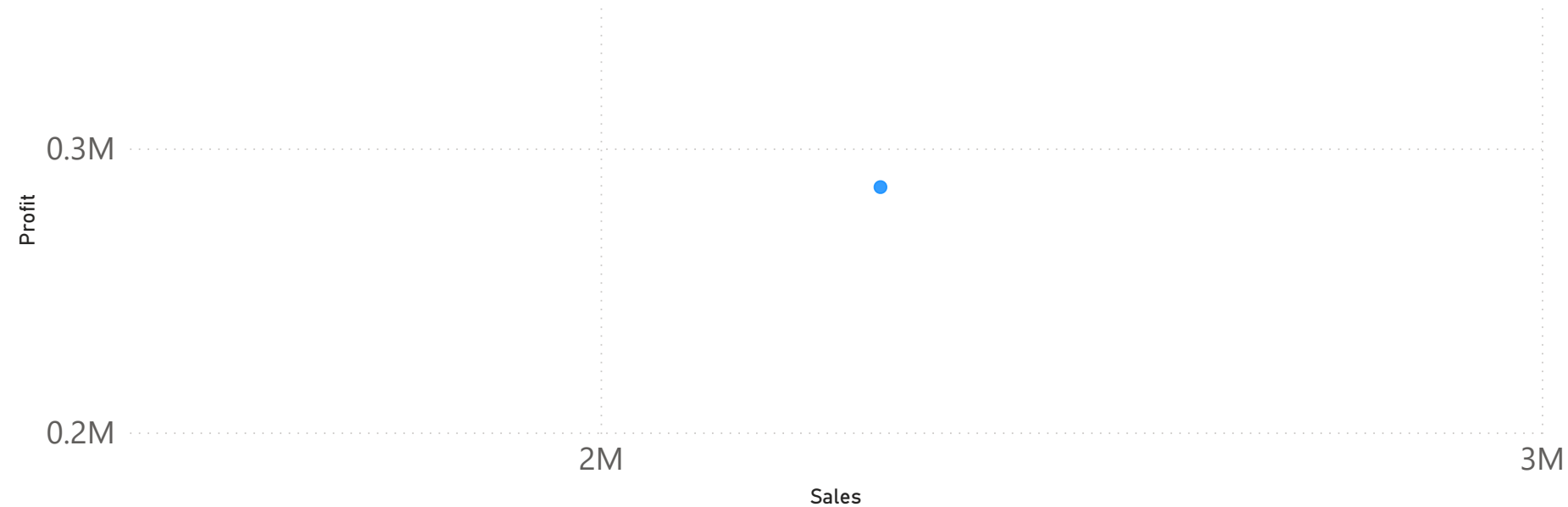
Sales and Profit by Year and Region

**Region** ● Central ● East ● South ● West ● Profit



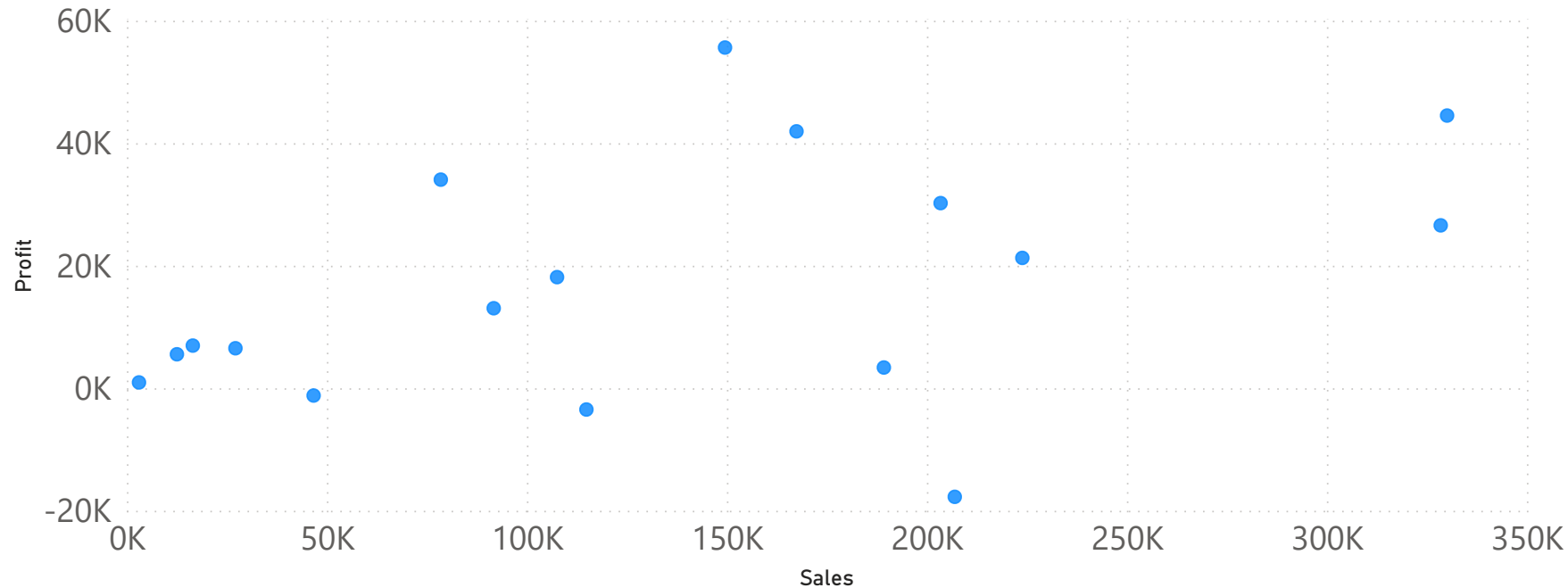
SCATTER PLOT- Its the only ANIMATED CHART by default in Power\_BI. (It has **Animation features**). If u want to know eg Total sales and Total Profit- just have both on x-axis n y-axis. The SINGLE-DOT- says TOTAL of 2 numerics when u highlight it.

Sales and Profit

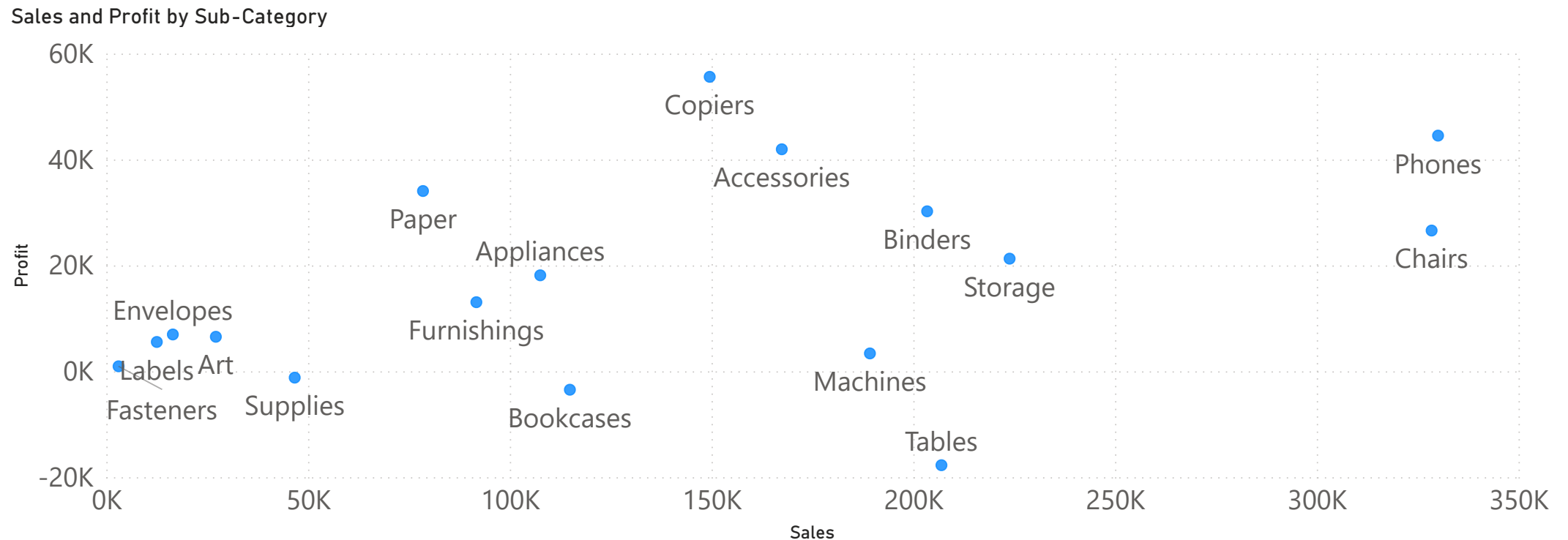


SCATTER PLOT- Its the only ANIMATED CHART by default in Power\_BI. (It has **Animation features**). Below shows Total sales and Total Profit- just have both on x-axis n y-axis and sub-category on DETAILS.

Sales and Profit by Sub-Category



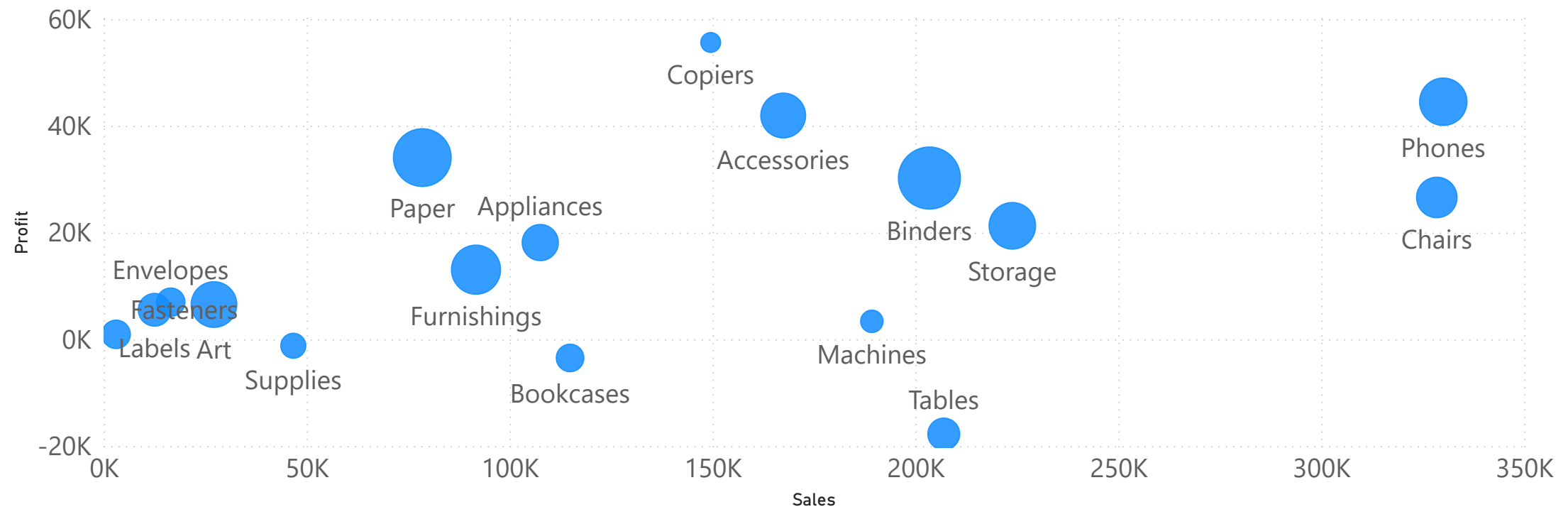
SCATTER PLOT- Its the only ANIMATED CHART by default in Power\_BI. (It has **Animation features**). Below shows Total sales and Total Profit- just have both on x-axis n y-axis and sub-category on DETAILS. With category-Data-labels ON.(top-most hv higher-profit, while right-most hv higher-sales).





SCATTER PLOT- Below shows Total sales and Total Profit- just have both on x-axis n y-axis and sub-category on DETAILS. With category-Data-labels ON and Quantity is put in SIZE.(top-most hv higher-profit, while right-most hv higher-sales, bigger bubbles shows highest quantity). -Large-quantity comes with extra transport cost, packaging costs, delivery costs etc.

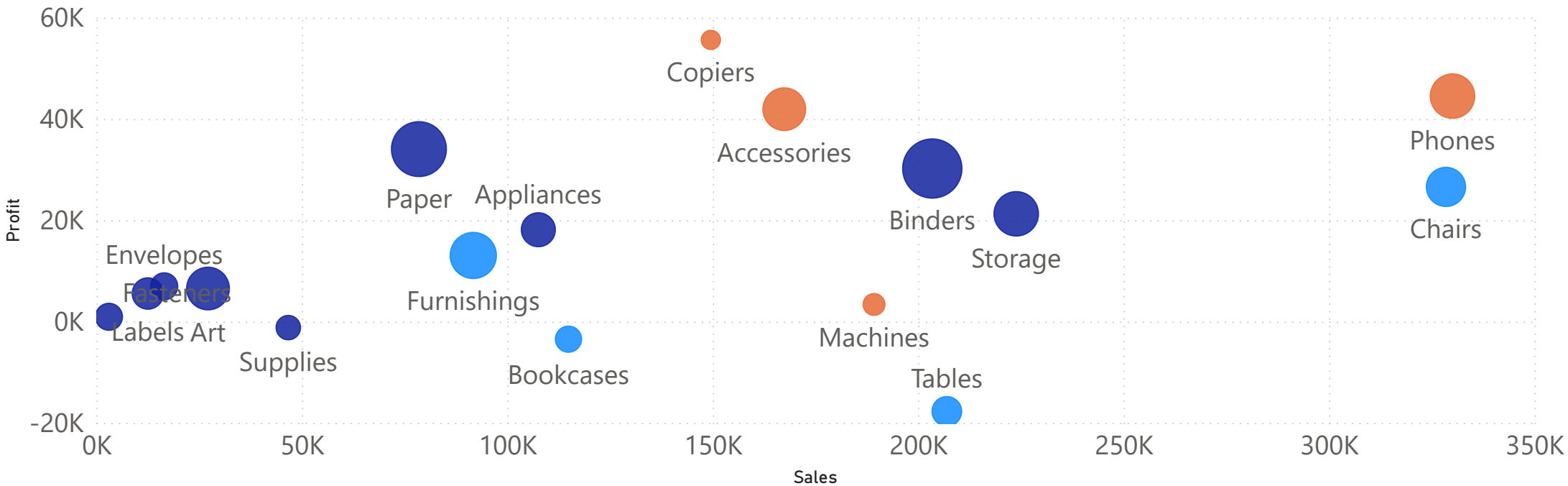
Sales, Profit and Quantity by Sub-Category



SCATTER PLOT- Below shows Total sales and Total Profit- just have both on x-axis n y-axis and sub-category on DETAILS. With category-Data-labels ON and Quantity is put in SIZE. and Category is put in Legend so that each category bubble has a different colour.

Sales, Profit and Quantity by Sub-Category and Category

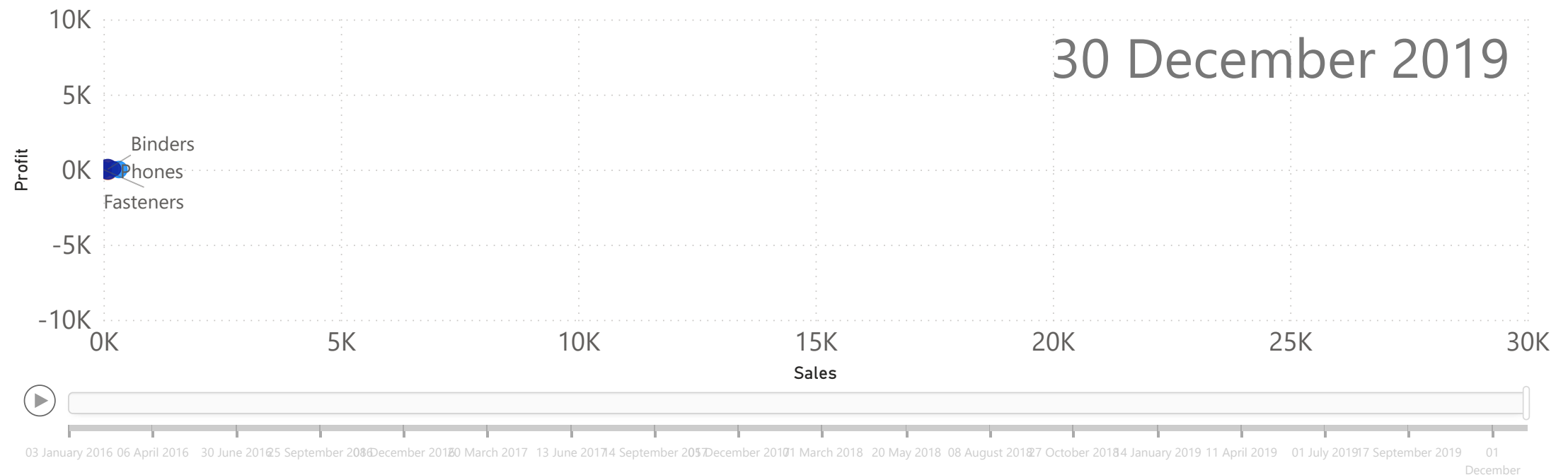
**Category** ● Furniture ● Office Supplies ● Technology



SCATTER PLOT- with ORDER DATE on **PLAY-AXIS**. click PLAY and different category bubbles will be displayed depending on date on the screen. bubbles represents numeric values (sales & profit).

Sales, Profit and Quantity by Sub-Category, Category and Order Date

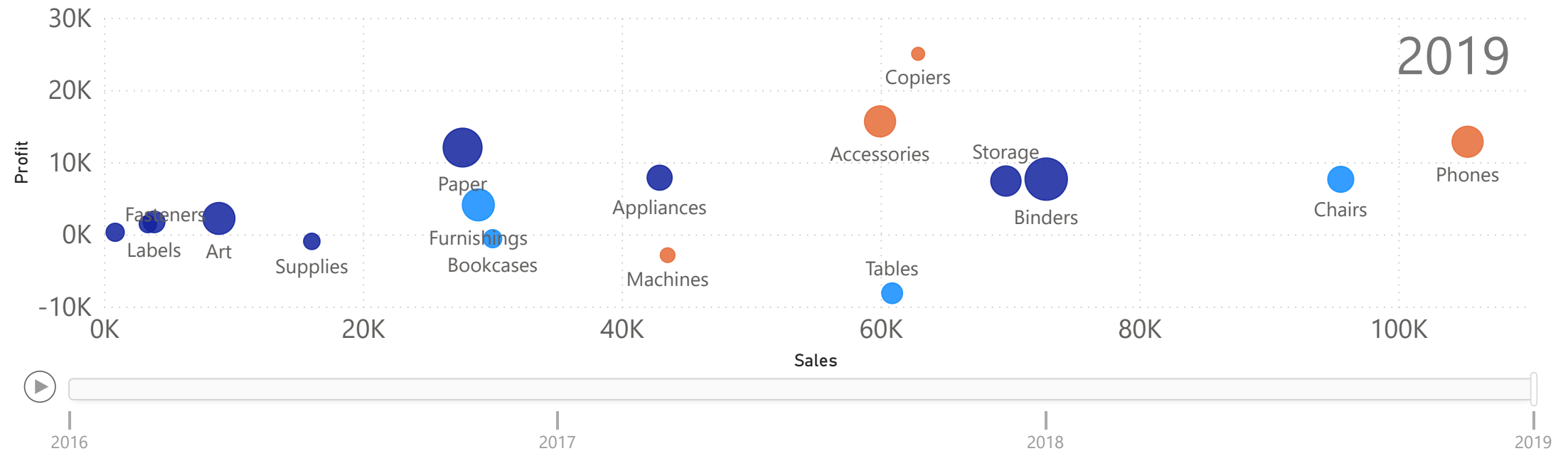
**Category** ● Furniture ● Office Supplies ● Technology



SCATTER PLOT- with ORDER DATE on **PLAY-AXIS**. click PLAY and different category bubbles will be displayed depending on date on the screen. bubbles represents numeric values (sales & profit). Choose YEAR on play-axis, click **HIERARCHY** and select YEAR instead of default days.

Sales, Profit and Quantity by Sub-Category, Category and Year

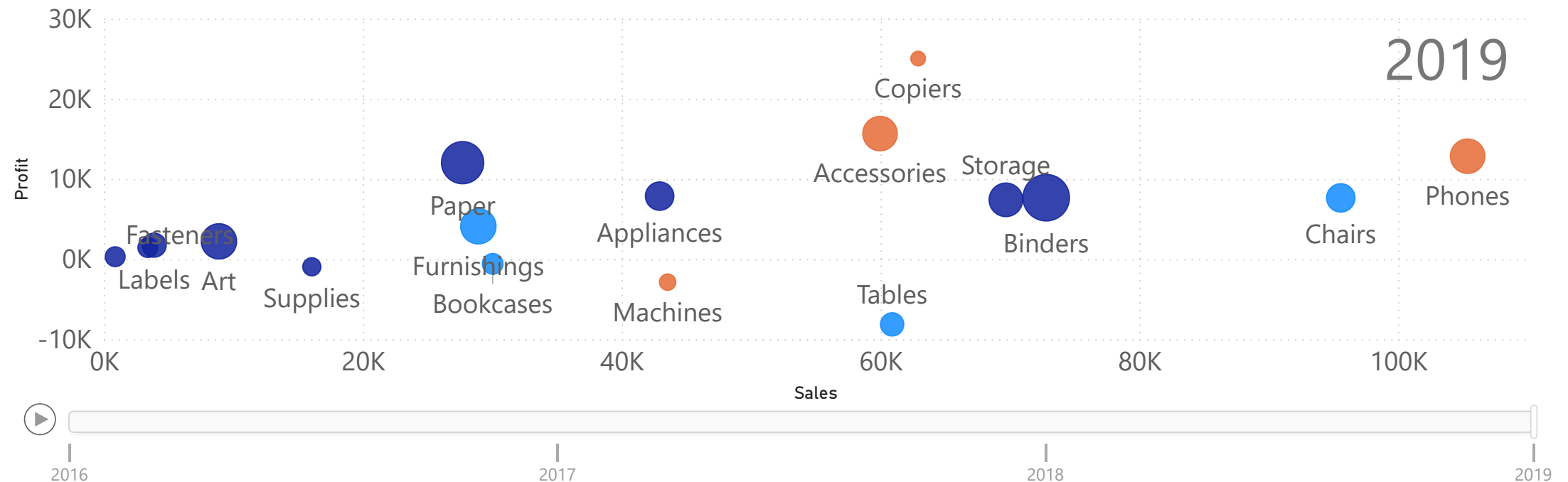
**Category** ● Furniture ● Office Supplies ● Technology



SCATTER PLOT- with ORDER DATE on **PLAY-AXIS**. Click on a **product bubble** eg **PHONES**, u'll see an **ANIMATED-line** showing its sales trend or profitability-trend. U can ctrl-click 2 or 3 or 6 products etc, click play and see their sales-trend over the years.

Sales, Profit and Quantity by Sub-Category, Category and Year

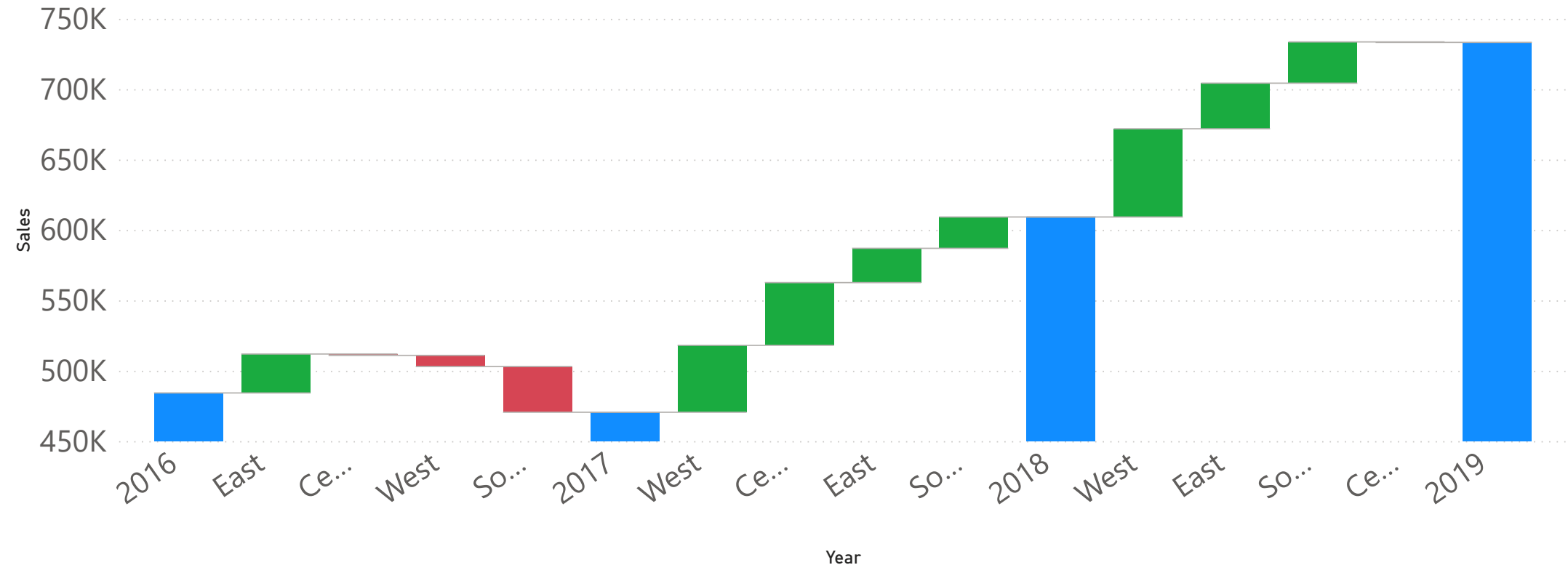
**Category** ● Furniture ● Office Supplies ● Technology



WATERFALL- shows trend. red-colour shows a DECREASE while Green color shows and INCREASE. BREAKDOWN is used to show how TREND is happening eg in different Regions

Sales by Year and Region

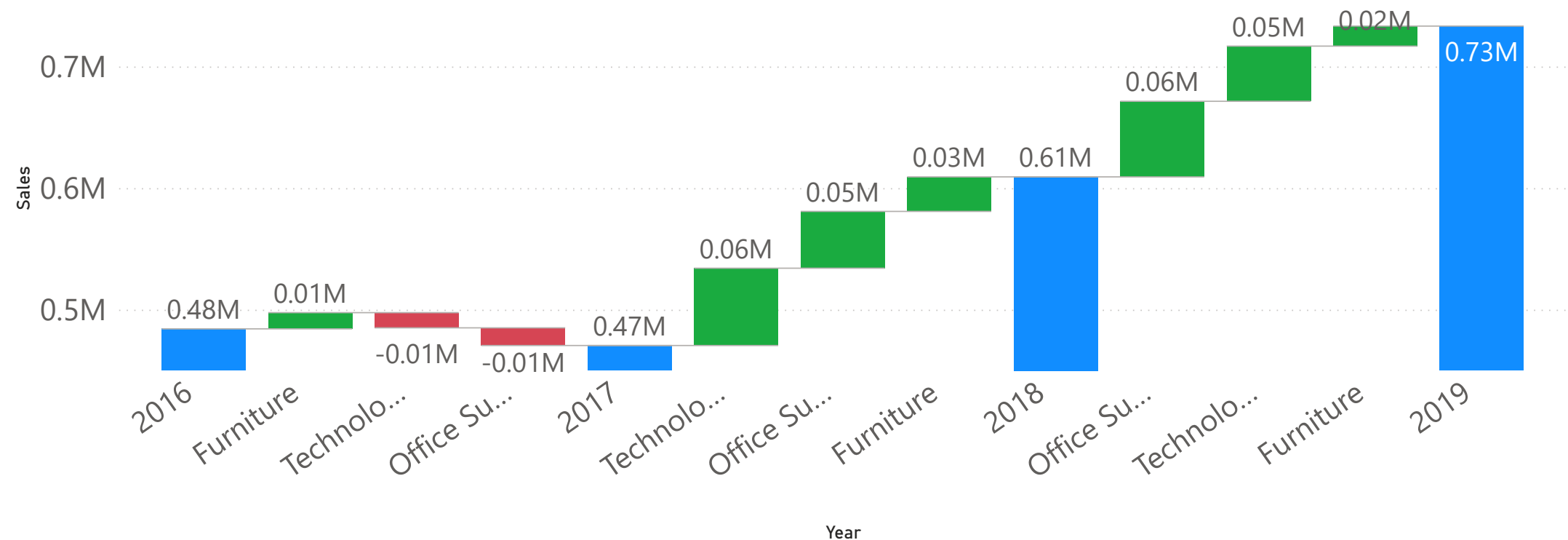
● Increase ● Decrease ● Total ● Other



WATERFALL- shows trend. red-colour shows a DECREASE while Green color shows and INCREASE. BREAKDOWN is used to show how TREND is happening eg in different Categories, with Data-labels ON.

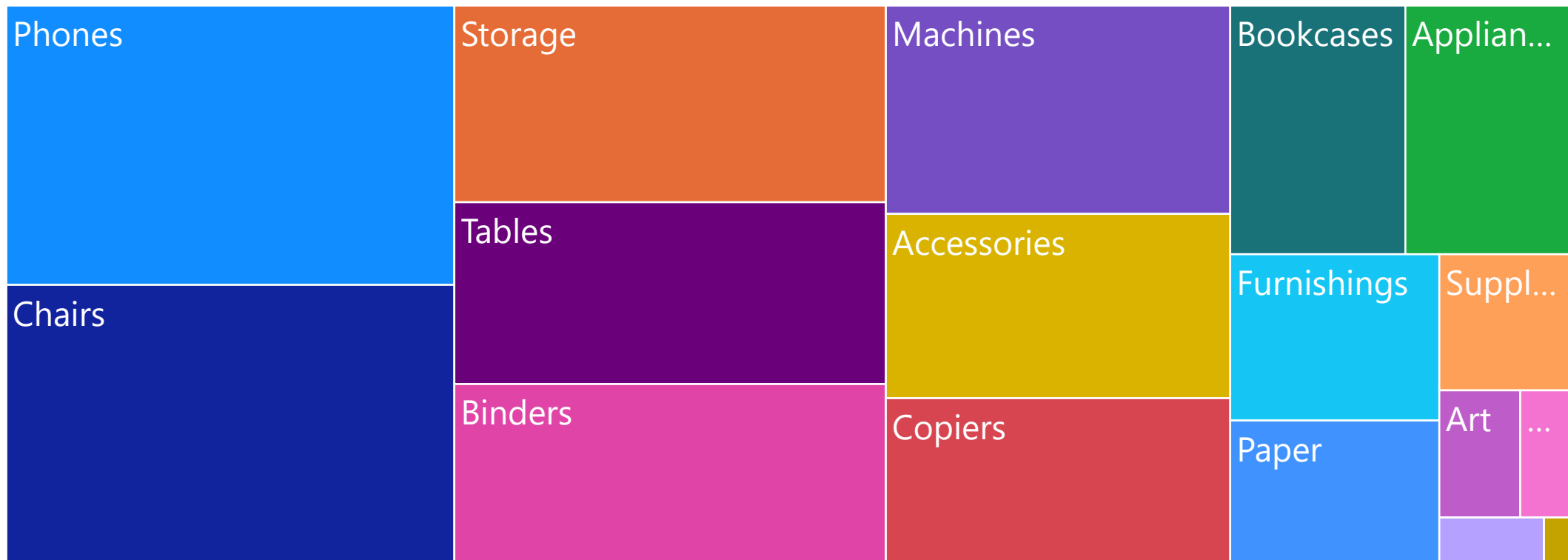
Sales by Year and Category

● Increase ● Decrease ● Total ● Other



TREE-MAP with Sub-category into GROUP and sales in Values. Products on High side shows high values (eg sales/profitability). Just like in Hierarchy chart, on On tree-map, u can also show PARENT-CHID relationship by adding a child element on DETAILS eg region.

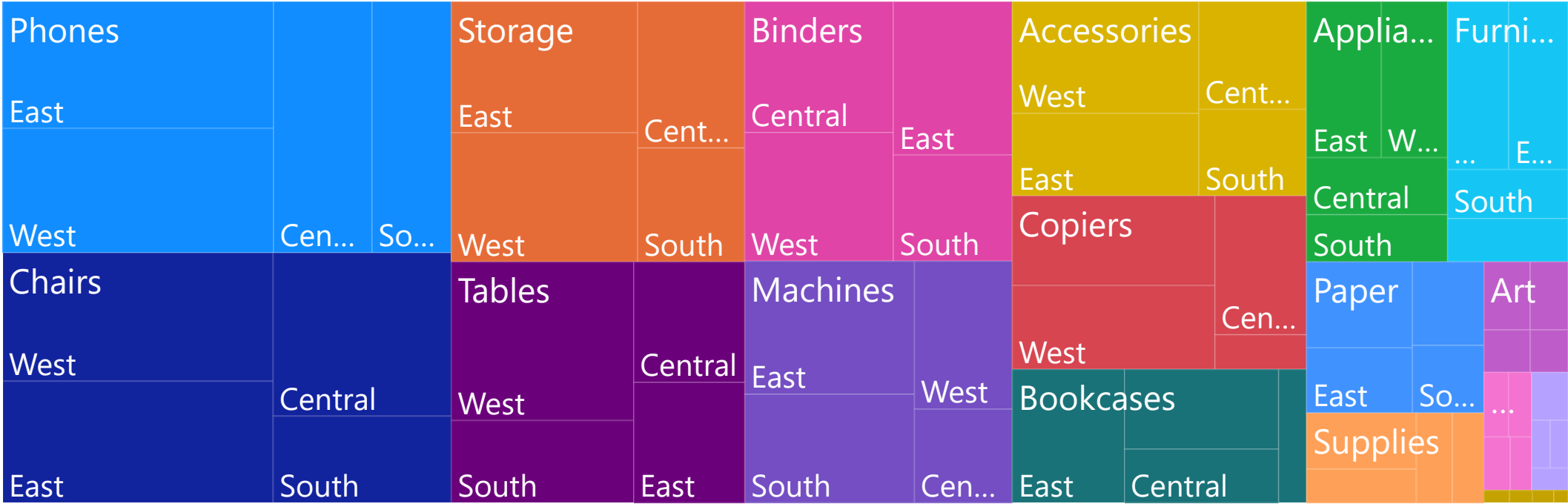
Sales by Sub-Category





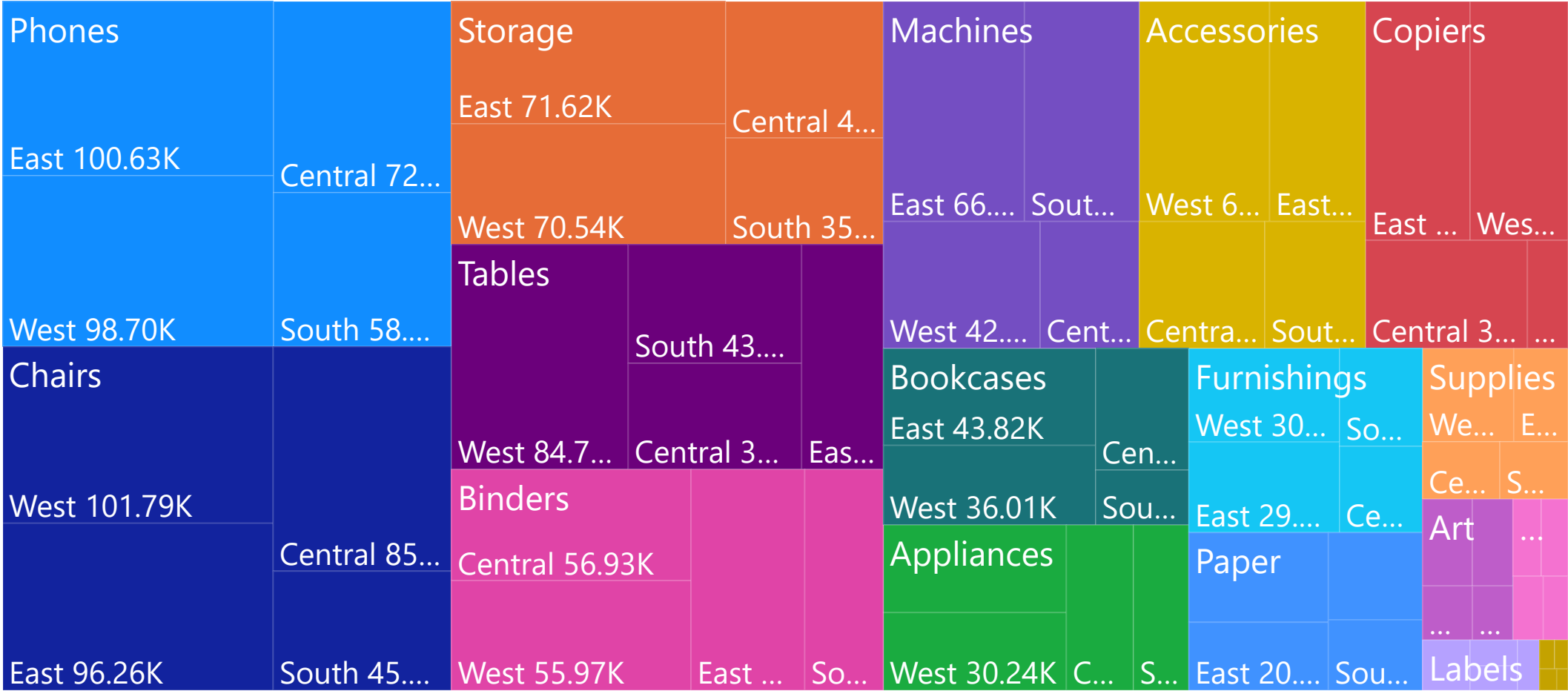
TREE-MAP with Sub-category into GROUP and sales in Values. Products on High side shows high values (eg sales/profitability). Just like in Hierarchy chart, on **On tree-map**, u can also show PARENT-CHID relationship by adding a child element on DETAILS eg region like in below tree-map. (each prod, u can see in which region it sold most). Box-size shows the size of sales(eg in many prods eg phone, East sells much, 2 is west, 3-central n south is last.)

Sales by Sub-Category and Region



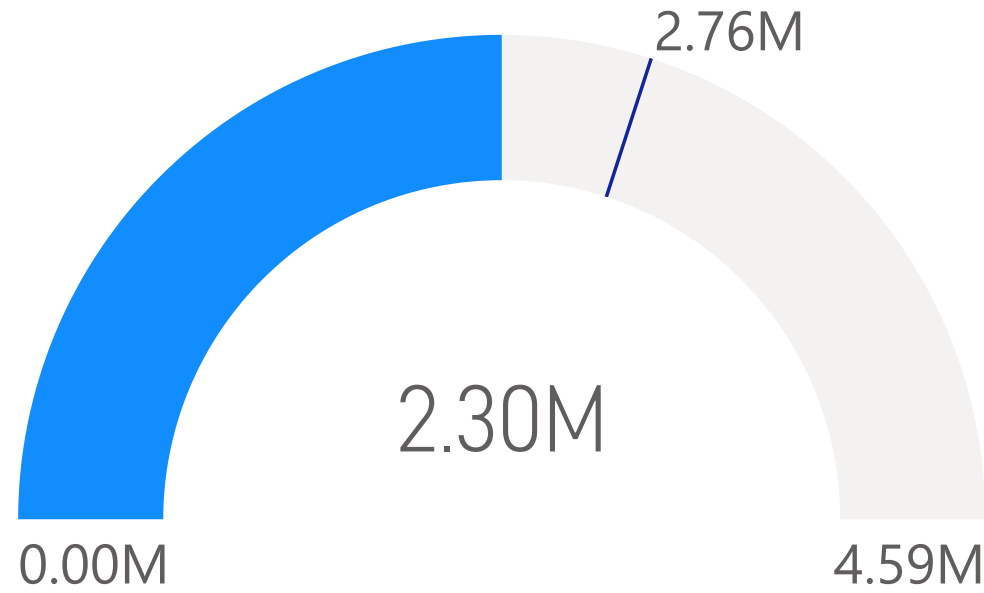
TREE-MAP with DATA-LABELS on. (POSITION and SIZE matters a lo in Tree-Map).

Sales by Sub-Category and Region



GAUGE CHART - Used to check if we have reached TARGET. Budgeted sales was our target, we missed as real sales is lesser than budgeted etc. If we calculate a new measure with DAX, it comes into column with a Calculator sign.

Sales and Budgeted\_sales



A GAUGE CHART with Pie-chart. If u click a certain region on a pie-chart, you will see its target measures on the gauge and on the card-number will change.

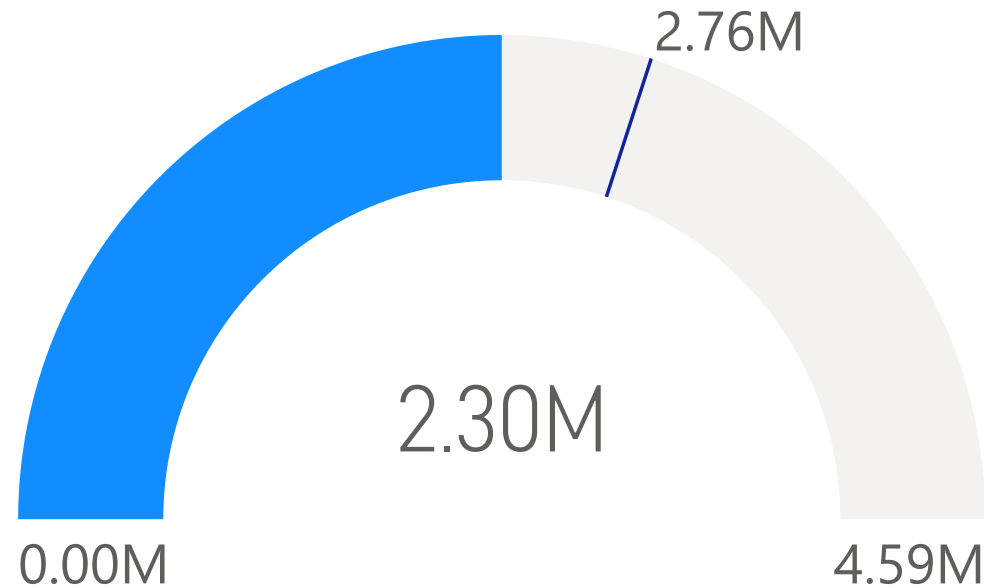
2.30M

Sales

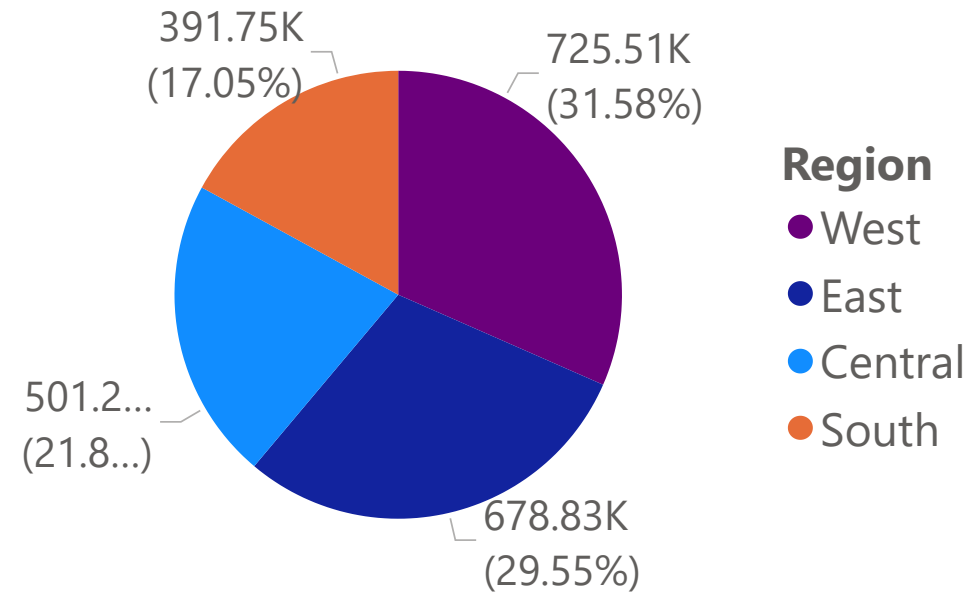
2.76M

Budgeted\_sales

Sales and Budgeted\_sales



Sales by Region



CARDS- Number card , Text cards etc (text card by default has 1st element in alphabetical, u can selct last like in 2nd eg or count- to show times sib-categories are **repeated/number of records**.) Count-Distinct shows UNIQUE sub-category in that column.

**Accessories**

First Sub-Category

**17**

Count of Sub-Category

**Tables**

Last Sub-Category

**9994**

Count of Sub-Category

HOW to show top-selling, top-profitable and highest-Quality subcategory using Text-card. We use TOP-N on Filter on this Visual .

Phone is most-seeling, Copiers are highest profitable n Binders have the highest quality.

**Phones**

First Sub-Category

**Copiers**

First Sub-Category

**Binders**

First Sub-Category

HOW to show top-selling, top-profitable and highest-Quality subcategory using Text-card. We use TOP-N on Filter on this Visual .

Phone is most-seeling, Copiers are highest profitable n Binders have the highest quality. - sub-category RENAMED on the Text-card.

**Phones**

Highest-Selling

**Copiers**

Highest-Profitable

**Binders**

Highest-Quality

FORMATTING 2nd and 3rd Text-Card with a **FORMAT PAINTER** brush.

**Phones**

Highest-Selling

**Copiers**

Highest-Profitable

**Binders**

Highest-Ordered



U can use these TOP-N Text-card to check different category data in anothe chart or in another visualisation . (Eg on 1st tech-bar, if u click- u see tech-values in the 3 cards. On 2nd bar, if u click-u see furniture-values in the 3 cards, and on the 3rd bar, if u click- u see office-supplies-values in the 3 cards).

## Phones

Highest-Selling

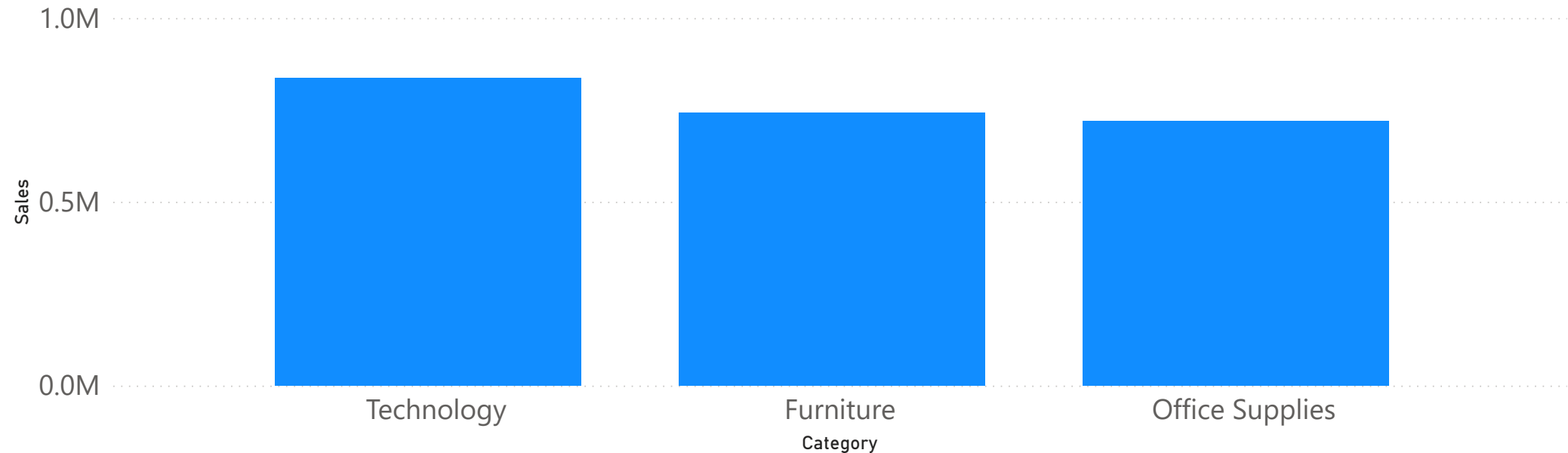
## Copiers

Highest-Profitable

## Binders

Highest-Ordered

Sales by Category



U can use these TOP-N Text-card to check different category data in pie-chart or in another visualisation .  
(Eg on 1st tech-bar, if u click- u see tech-values in the 3 cards. On 2nd bar, if u click-u see furniture-values in the 3 cards, and on the 3rd bar, if u click- u see office-supplies-values in the 3 cards).

## Phones

Highest-Selling

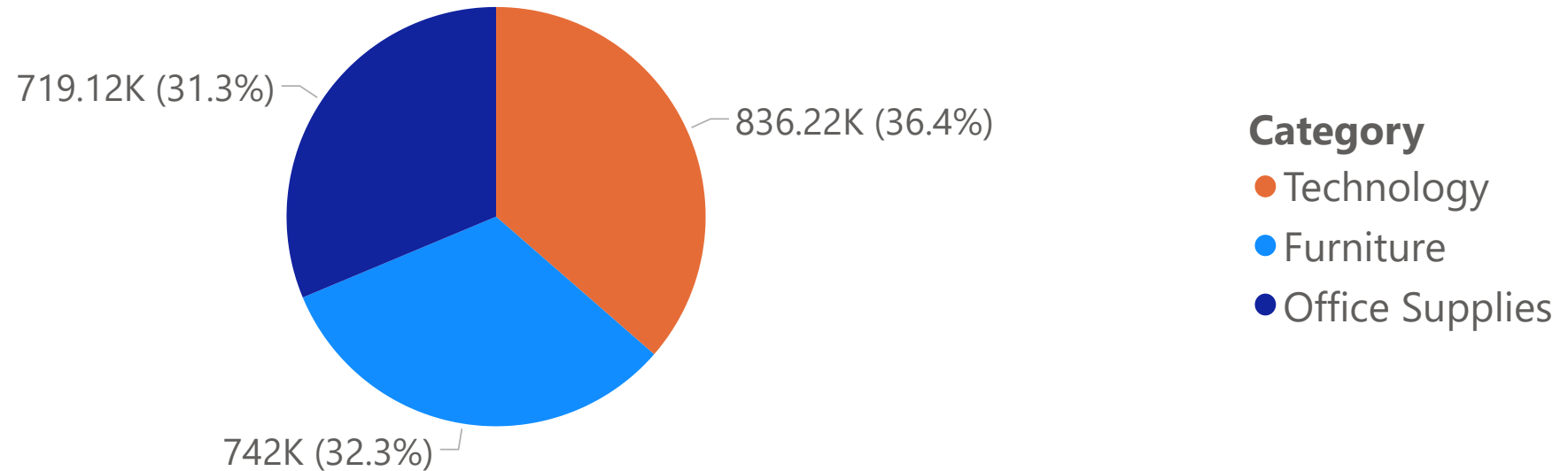
## Copiers

Highest-Profitable

## Binders

Highest-Ordered

Sales by Category



Getting EARLIEST DATE on ours Data's Database. (click card, drag date/order\_date, u get earliest date on the DB). U can also get the Latest date,by changing on date's dropdown- choose "LATEST".

**03 January  
2016**

Earliest Order Date

**30 December 2019**

Latest Order Date

Using Date card to know which was the most-.Profitable day and the highest-selling Date. (Use TOP-N on filter visual and rename ur cards after filtering). (When dragging ur values eg sales/profit in by-values box, remember to have clicked the date-card inside 4Change 2Take Effect.)

**18 March 2016**

Highest-selling Date

**02 October 2018**

Most-Profitable Date

Using Date card to know which was the most-Profitable day and the highest-selling Date. (Use TOP-N on filter visual and rename ur cards after filtering). (When dragging ur values eg sales/profit in by-values box, remember to have clicked the date-card inside 4Change 2Take Effect.)- U can select different REGIONS eg Central/ West - to see most profitable or most selling date in those regions

| Region       | Sales          | Profit            |
|--------------|----------------|-------------------|
| Central      | 501253         | 39,706.36         |
| East         | 678828         | 91,522.78         |
| South        | 391748         | 46,749.43         |
| <b>Total</b> | <b>2297340</b> | <b>286,397.02</b> |

**18 March  
2016**

Highest-selling Date

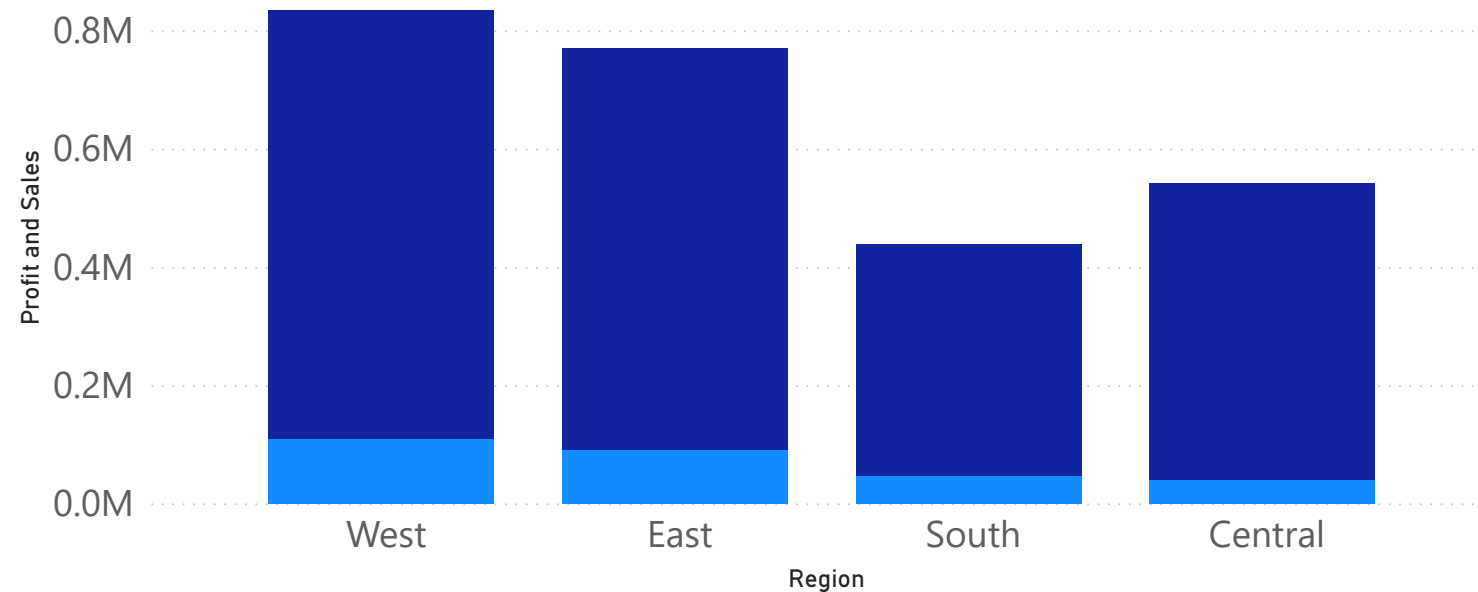
**02 October  
2018**

Most-Profitable Date

Using Date card to know which was the most-.Profitable day and the highest-selling Date. (Use TOP-N on filter visual and rename ur cards after filtering). U can select different REGIONS eg Central/ West - to see most profitable or most selling date in those regions.

Profit and Sales by Region

● Profit ● Sales



**02 October ...**

Most-Profitable Date

**18 March 20...**

Highest-selling Date

DATE CARD - Relative Date Filtering. 1st Card, shows the earliest date in DB. 2nd Card shows the earliest date in the last 2 years. (Drag orderdate to both card n filter. Then on visual-filter , filter it using relative date, put years or months length eg last 2yrs/last 3 yrs etc). Relative Datecard automatically updates with Wolds calender.

**03 January  
2016**

Earliest Order Date

**(Blank)**

Earliest\_last\_2YRS

**19 January  
2019**

Earliest\_3YRS

Date Card - Relative Date Filtering on a Table. Table 1 shows all dates while On Table 2 - (Date card to filters Sales Date to show only SALES done in the last 2 years at visual filter with relative date).

| Year  | Quarter | Month   | Day     | Sales |
|-------|---------|---------|---------|-------|
| 2016  | Qtr 1   | January | 3       | 16    |
| 2016  | Qtr 1   | January | 4       | 289   |
| 2016  | Qtr 1   | January | 5       | 20    |
| 2016  | Qtr 1   | January | 6       | 4407  |
| 2016  | Qtr 1   | January | 7       | 87    |
| 2016  | Qtr 1   | January | 9       | 40    |
| 2016  | Qtr 1   | January | 10      | 55    |
| 2016  | Qtr 1   | January | 11      | 10    |
| Total |         |         | 2297340 |       |

| Year | Quarter | Month | Day | Sales |
|------|---------|-------|-----|-------|
|------|---------|-------|-----|-------|



Mult-row Card. (Nowadays, it's its multi-row, multi-column Card). -Enables u  
2get all DATASET eg of all sub-categories unlike in normal card which lets u  
hv only 1, the default or selected. 2nd Card is Multi-row.

## Accessories

1st\_Default\_normal\_CardSub-C...

| [Accessories](#)

| [Appliances](#)

| [Art](#)

| [Binders](#)

| [Bookcases](#)

| [Chairs](#)

| [Copiers](#)

| [Envelopes](#)

| [Fasteners](#)

| [Furnishings](#)

| [Labels](#)

.

Multi-row card with several columns eg sub-category, sales, profit, quantity etc.

Accessories

167400  
Sales

41,936.64  
Profit

2976  
Quantity

Appliances

107537  
Sales

18,138.01  
Profit

1729  
Quantity

Art

27136  
Sales

6,527.79  
Profit

3000  
Quantity

Binders

203425

30,221.76

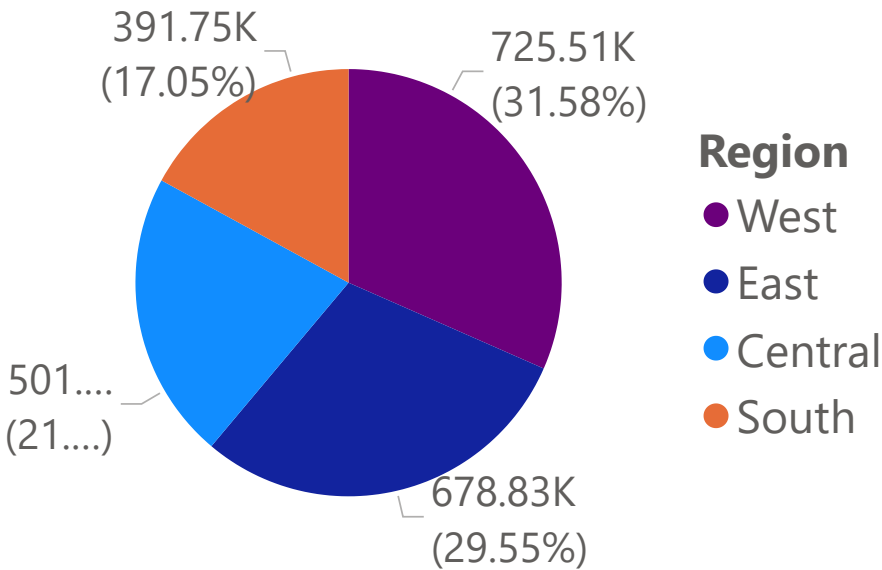
5974

Multi- row Card with subcategory and profit columns. On the Profit column, u select eg TOP 5 most profitable subcategories using TOP N Filter on visual filter- like in multirow1.on 2nd multirow, we select the bottom 3 ie most loss-making categories.

|             |           |
|-------------|-----------|
| Accessories | Bookcases |
| 41,936.64   | -3,472.56 |
| Profit      | Profit    |
| Binders     | Fasteners |
| 30,221.76   | 949.52    |
| Profit      | Profit    |
| Copiers     | Machines  |
| 55,617.82   | 3,384.76  |
| Profit      | Profit    |
| Paper       | Supplies  |
| 34,053.57   | -1,189.10 |
| Profit      | Profit    |

U can use the selected dataset on Mult-row with another visualisation eg a pie chart. (If U click 1 region in a pie chart, the top-5 most profitable subcategories on multi-row changes. And also the Loss-making or Least Profitable).

Sales by Region

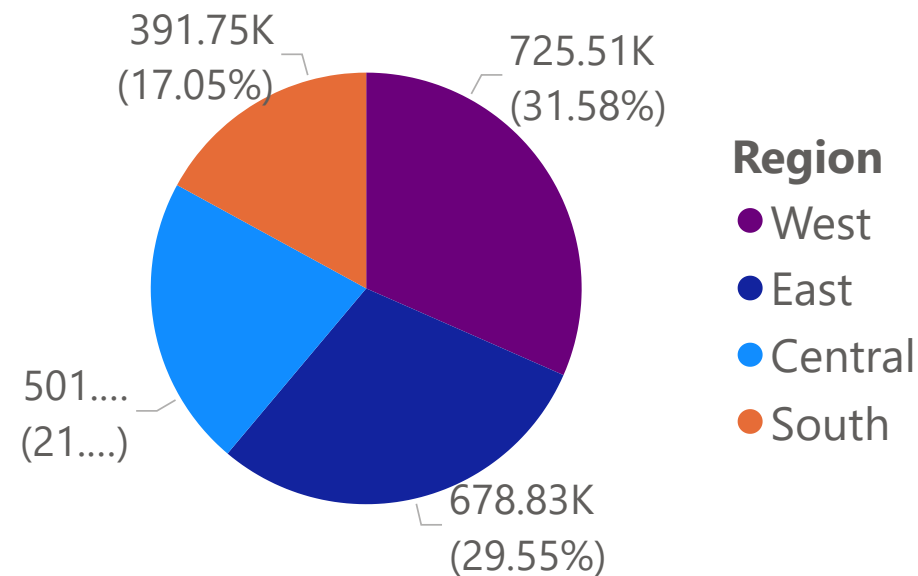


|             |           |        |           |           |        |
|-------------|-----------|--------|-----------|-----------|--------|
| Accessories | 41,936.64 | Profit | Bookcases | -3,472.56 | Profit |
| Binders     | 30,221.76 | Profit | Fasteners | 949.52    | Profit |
| Copiers     | 55,617.82 | Profit | Machines  | 3,384.76  | Profit |
| Paper       | 34,053.57 | Profit | Supplies  | -1,189.10 | Profit |

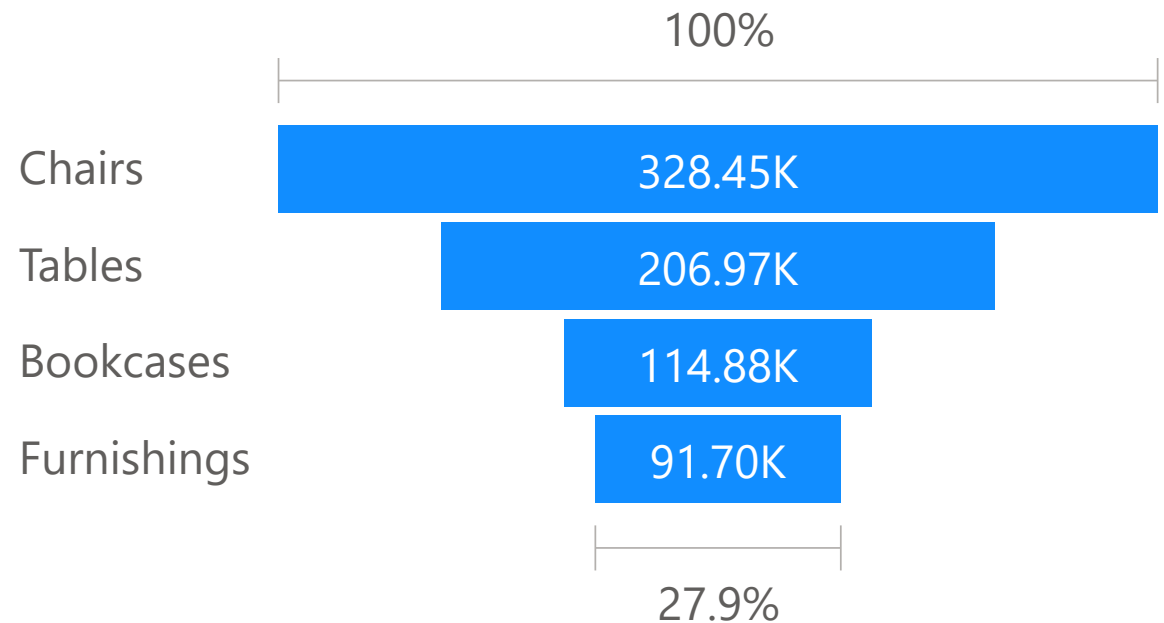
Filter on Visual. (using Technology-subcategory in basic-filtering-add here box, then select category u like eg tech or office supplies, and the values changes on the chart selected only eg funnel chart only).



Sales by Region

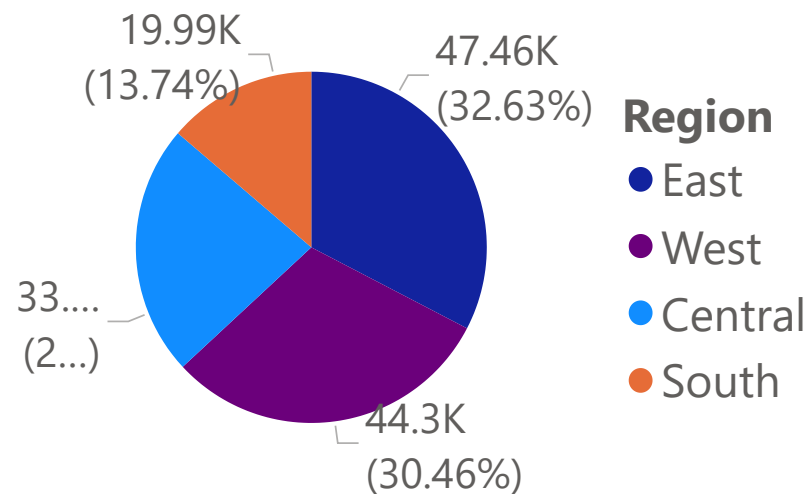


Sales by Sub-Category



Filter on this Page. -on Basic filtering on "Filter on this page box".  
Category filtered on Tech, and all charts shows Tech now

Profit by Region

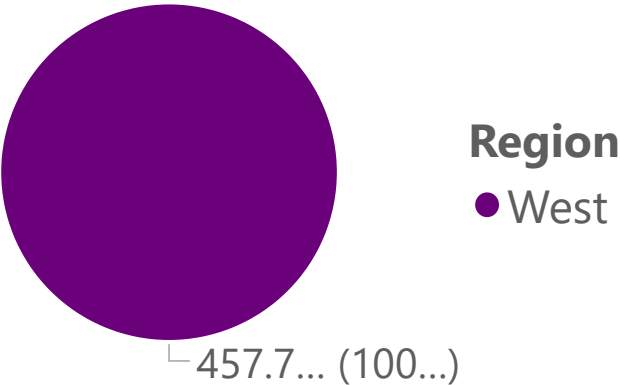


| Segment     | Sales  |
|-------------|--------|
| Consumer    | 406431 |
| Corporate   | 246472 |
| Home Office | 183316 |
| Total       | 836219 |

| Year  | Quarter | Month    | Day | Sales |
|-------|---------|----------|-----|-------|
| 2016  | Qtr 1   | January  | 6   | 11    |
| 2016  | Qtr 1   | January  | 9   |       |
| 2016  | Qtr 1   | January  | 13  | 6     |
| 2016  | Qtr 1   | January  | 15  | 1     |
| 2016  | Qtr 1   | January  | 16  | 1     |
| 2016  | Qtr 1   | January  | 20  | 7     |
| 2016  | Qtr 1   | January  | 26  | 3     |
| 2016  | Qtr 1   | February | 1   | 4     |
| 2016  | Qtr 1   | February | 2   | 1     |
| Total |         |          |     | 8362  |

⏮ Filter on this Page. -on Basic filtering on "Filter on this page box". States-filtered on California, and all charts shows California sales and profit only.

Sales by Region

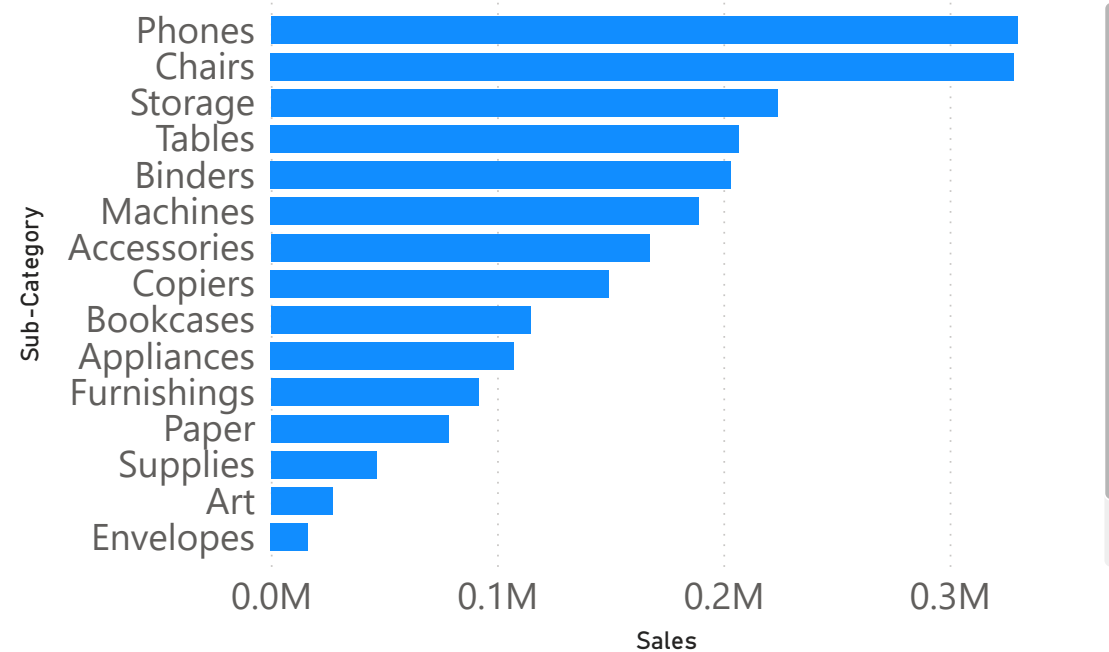


|              |       | Year         | Quarter | Month    | Day | Sales         |
|--------------|-------|--------------|---------|----------|-----|---------------|
|              |       | 2016         | Qtr 1   | January  | 6   | 19            |
|              |       | 2016         | Qtr 1   | January  | 13  | 1680          |
|              |       | 2016         | Qtr 1   | January  | 20  | 38            |
|              |       | 2016         | Qtr 1   | January  | 27  | 426           |
| Segment      | Sales | 2016         | Qtr 1   | January  | 31  | 291           |
| Consumer     | 22965 | 2016         | Qtr 1   | February | 2   | 12            |
| Corporate    | 14718 | 2016         | Qtr 1   | February | 4   | 134           |
| Home Office  | 8088  | 2016         | Qtr 1   | February | 12  | 130           |
|              |       | 2016         | Qtr 1   | February | 20  | 12            |
| <b>Total</b> |       | <b>Total</b> |         |          |     | <b>457728</b> |

Filter on all the Pages-use "filter on all pages box". - it affects all pages.

| Category        | Sales          |
|-----------------|----------------|
| Furniture       | 742003         |
| Office Supplies | 719118         |
| Technology      | 836219         |
| <b>Total</b>    | <b>2297340</b> |

Sales by Sub-Category

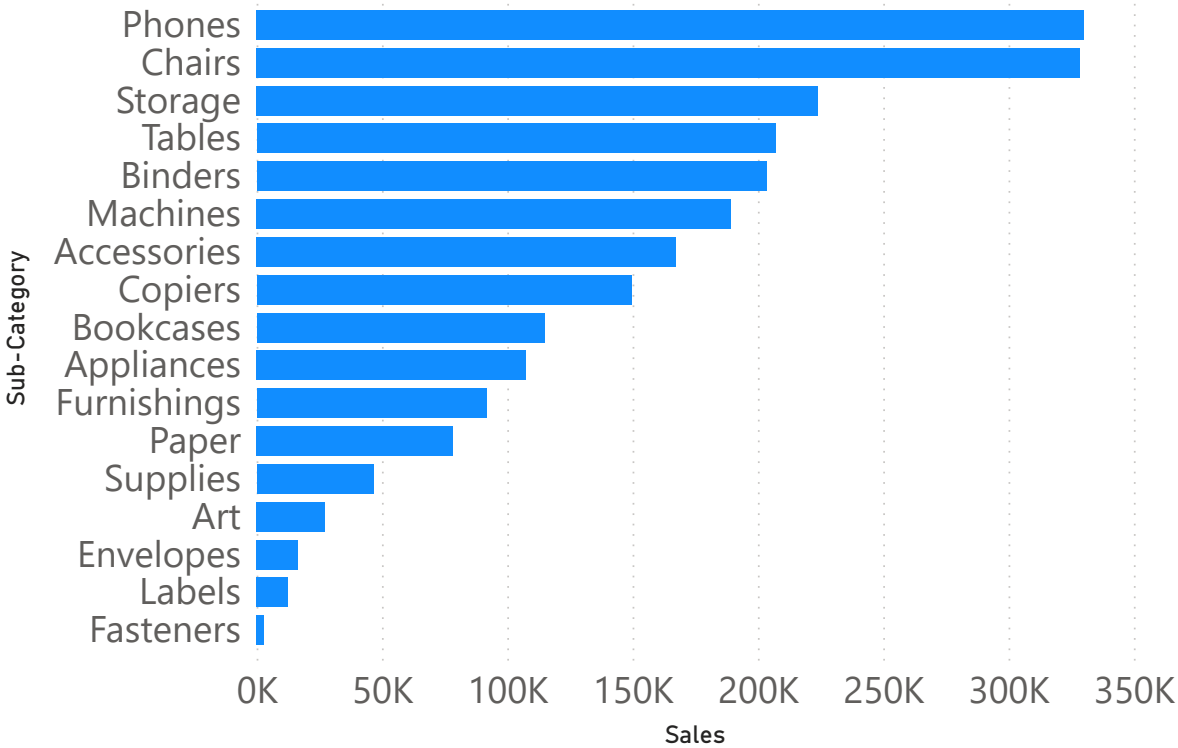




Filter on all the Pages-use "filter on all pages box"- it affects all pages.

| Category        | Sales          |
|-----------------|----------------|
| Furniture       | 742003         |
| Office Supplies | 719118         |
| Technology      | 836219         |
| <b>Total</b>    | <b>2297340</b> |

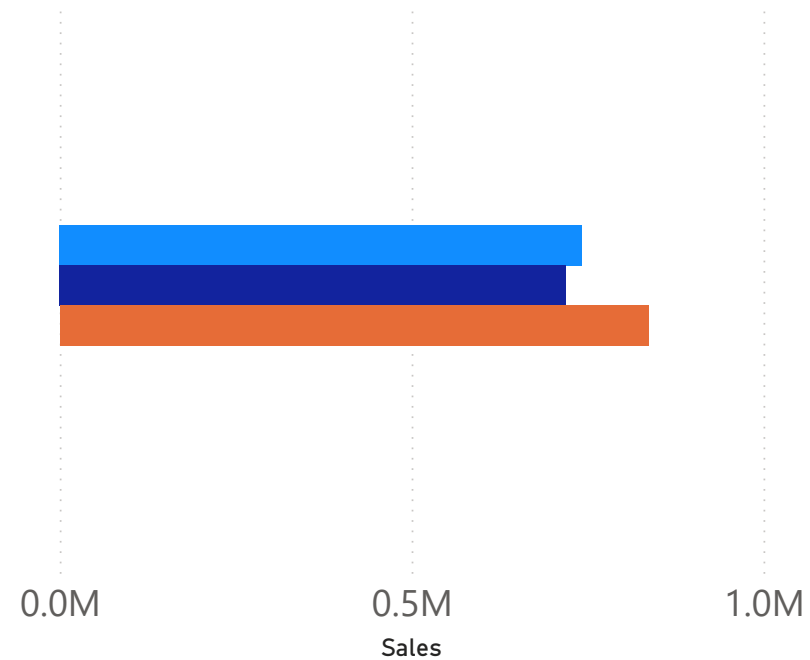
Sales by Sub-Category



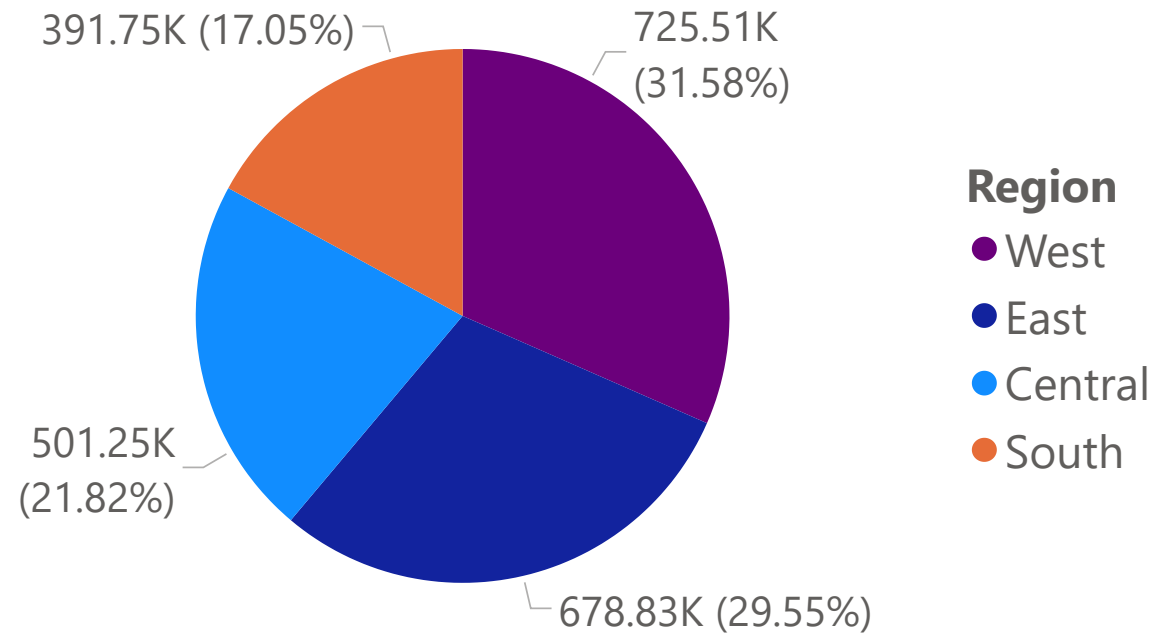
Drill through- we use "Add Drill-through box" below values icon.

Sales by Category

**Category** ● Furniture ● Office Su... ● Technol...



Sales by Region





### Sub-Category Sales

|              |               |
|--------------|---------------|
| Accessories  | 167400        |
| Copiers      | 149530        |
| Machines     | 189242        |
| Phones       | 330047        |
| <b>Total</b> | <b>836219</b> |

Drill Through. - only filtered values are shown eg Tech or furniture. to be drilled in page 71's bar chart.

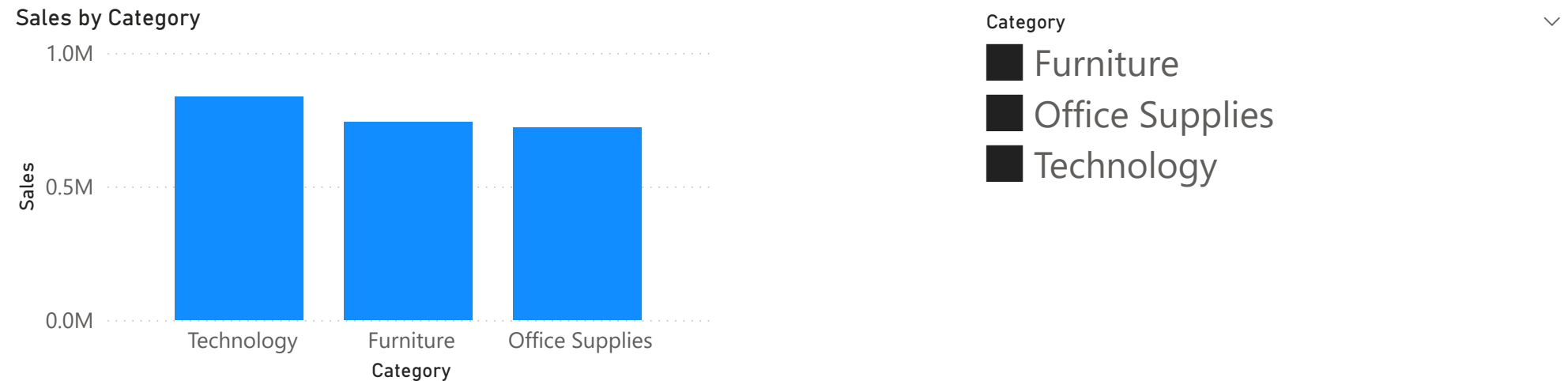
| Year         | Sales         |
|--------------|---------------|
| 2016         | 175285        |
| 2017         | 162793        |
| 2018         | 226384        |
| 2019         | 271757        |
| <b>Total</b> | <b>836219</b> |

| Segment      | Sales         |
|--------------|---------------|
| Consumer     | 406431        |
| Corporate    | 246472        |
| Home Office  | 183316        |
| <b>Total</b> | <b>836219</b> |

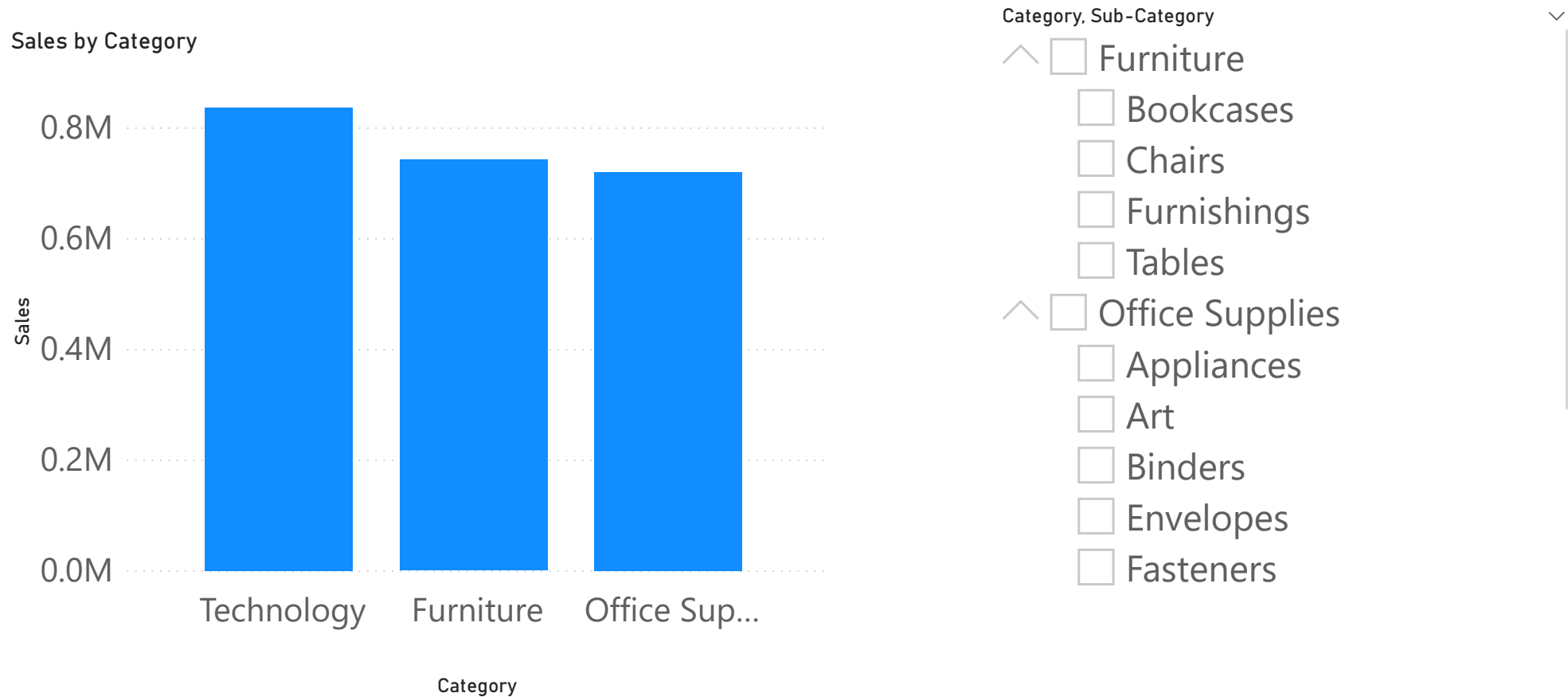
⬅ Drill Through. - only filtered values are shown eg using region to be drilled in page 71's pie chart

| Customer Name      | City            | Sal <sup>^</sup>       |
|--------------------|-----------------|------------------------|
| Aaron Hawkins      | Gulfport        |                        |
| Aaron Smayling     | Arlington       |                        |
| Aaron Smayling     | Jacksonville    |                        |
| Adam Bellavance    | Waynesboro      |                        |
| Adam Hart          | Atlanta         |                        |
| Adam Hart          | Knoxville       |                        |
| Adam Shillingsburg | Charlottesville |                        |
| Adrian Barton      | Henderson       |                        |
| <b>Total</b>       |                 | <b>39</b> <sup>✓</sup> |

Text Slicer - If U want to select more than 2 fields, use Control-Click and select it. A slicer has clear selection on its right-hand corner.

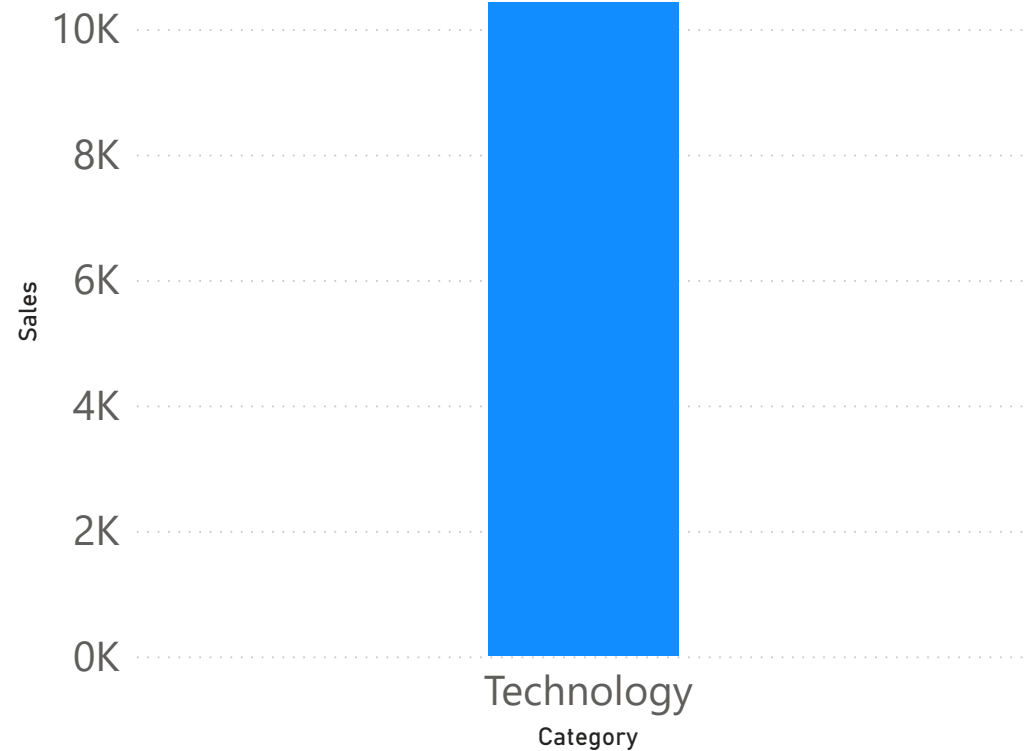


## Text Slicer - with more than 1 filtering filed eg both category and sub-category



Text Slicer - with more than 3 filtering filed eg both category, sub-category, segment, region etc

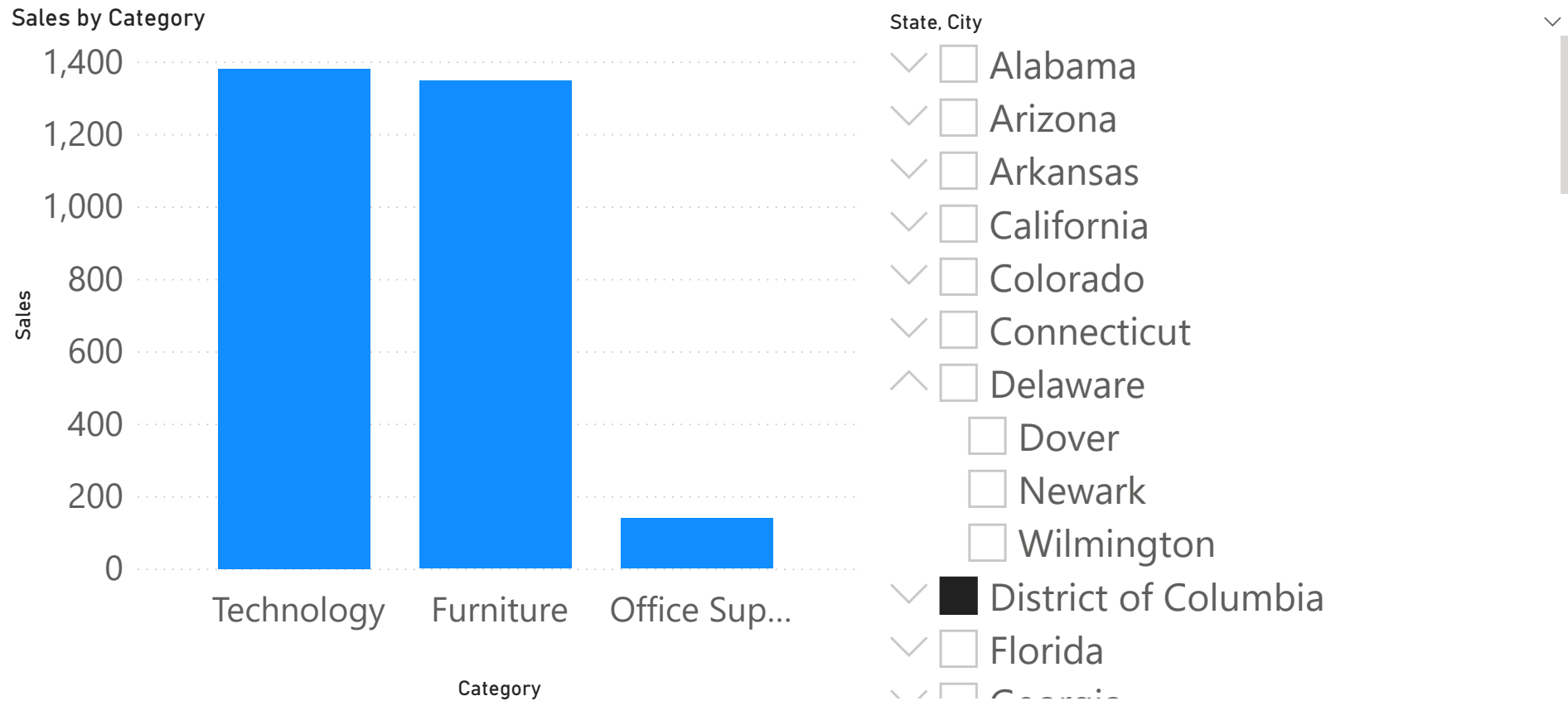
Sales by Category



Category, Sub-Category, Segment, Region

- ☐ Furniture
- ☐ Office Supplies
- ☒ Technology
  - ☒ Accessories
    - ☐ Consumer
    - ☐ Corporate
    - ☒ Home Office
      - ☐ Central
      - ☒ East
      - ☐ South
      - ☐ West
- ☐ Copiers
- ☐ Machines

## Text Slicer - with more than 2 filtering filed eg state and city etc





Date Slicer- Between, dropdown, before (with only 1 date-box), calender, relative date and relative time. Also Date-Hierarchy right-click on order-date and select hierarchy

Order Date

03/01/2016

30/12/2019

Order Date

Order Date

All

Year, Quarter, Month, Day

2016

2017

2018

Order Date

L... 2 Years

17/01/2020 - 16/01/2022

Order Date

03/01/2016

30/12/2019

Order Date

03/01/2016 30/12/2019

## Date Slicer with Date-Hierarchy with select all button on

| Year         | Quarter | Month   | Day | Sale <sup>^</sup>       |
|--------------|---------|---------|-----|-------------------------|
| 2016         | Qtr 1   | January | 3   |                         |
| 2016         | Qtr 1   | January | 4   |                         |
| 2016         | Qtr 1   | January | 5   |                         |
| 2016         | Qtr 1   | January | 6   |                         |
| 2016         | Qtr 1   | January | 7   |                         |
| 2016         | Qtr 1   | January | 9   |                         |
| 2016         | Qtr 1   | January | 10  |                         |
| 2016         | Qtr 1   | January | 11  |                         |
| 2016         | Qtr 1   | January | 13  |                         |
| <b>Total</b> |         |         |     | <b>229</b> <sup>^</sup> |

Year, Quarter, Month, Day

- ☒ Select all
- ^ ☒ 2016
- ✓ ☒ Qtr 1
- ✓ ☒ Qtr 2
- ✓ ☒ Qtr 3
- ✓ ☒ Qtr 4
- ✓ ☒ 2017
- ✓ ☒ 2018
- ✓ ☒ 2019

Number Slicer, showing name of customers who bought lowest ie 1-3 items. U can use slider or list-select.

| Customer Name      | Sales          | Quantity     |
|--------------------|----------------|--------------|
| Aaron Bergman      | 887            | 13           |
| Aaron Hawkins      | 1744           | 54           |
| Aaron Smayling     | 3051           | 48           |
| Adam Bellavance    | 7757           | 56           |
| Adam Hart          | 3251           | 75           |
| Adam Shillingsburg | 3255           | 81           |
| Adrian Barton      | 14476          | 73           |
| Adrian Hane        | 1736           | 65           |
| Adrian Shami       | 58             | 9            |
| Aimee Bixby        | 969            | 37           |
| <b>Total</b>       | <b>2297340</b> | <b>37875</b> |

Quantity

1

14

○ ————— ○

Quantity

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5

☐ 6

☐ 7

☐ 8

☐ 9

☐ 10

☐ 11

☐ 12

☐ 13

INSERT IMAGE- click insert and then image. To copy format styles from 1  
Icon to another- Highlight ur icon, go to Home and click FORMAT  
PAINTER and drop ur brush on the new image.



INSERT SHAPES - Use Transparency under FILL if u want to make shape's color lighter. -like arrow below.u can also add text inside shape or rotate it.



TEXT-INSIDE  
SHAPE.



INSERT BUTTONS- some has **ACTIONS** by default while others have none. 6 Actions are Back, Bookmark, Drill Through, Page Navigation, Q&a, and Web-URL.



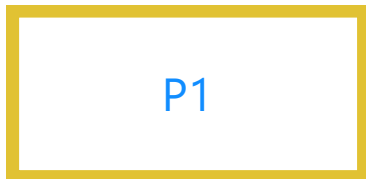
**Adding WEB-URL ACTION.** (click img, click ACTION & switch it on, select type of action as WEB-URL, paste ur link, add tool tip if u like. control-click to open the url on browser).



## INDEX PAGE

## PAGE NAVIGATION-

- . Create 3 buttons by select insert n button n select BLANC.
- . Rename them on Button-text in styles, u can also giv it colors.
- . Click ACTION n switch it ON.
- . Select PAGE NAVIGATION ,
- . Select DESTINATION as per page-name.
- . Press Control-click on each button (P1, P2, P3) n it will take u 2 its now linked-relevant page.
- . Remember to insert BACK-Button on each page to take u back to INDEX-Page.





## P1 PAGE

## PAGE NAVIGATION-

- .Create 3 buttons by select insert n button n select BLANC.
- .Rename them on Button-text in styles, u can also giv it colors.
- .Click ACTION n switch it ON.
- .Select PAGE NAVIGATION ,
- .Select DESTINATION as per page-name.
- .Press Control-click on each button (P1, P2, P3) n it will take u 2 its now linked-relevant page.
- .Remember to insert BACK-Button on each page to take u back to INDEX-Page.



## P2 PAGE

## PAGE NAVIGATION-

- . Create 3 buttons by select insert n button n select BLANC.
- . Rename them on Button-text in styles, u can also giv it colors.
- . Click ACTION n switch it ON.
- . Select PAGE NAVIGATION ,
- . Select DESTINATION as per page-name.
- . Press Control-click on each button (P1, P2, P3) n it will take u 2 its now linked-relevant page.
- . Remember to insert BACK-Button on each page to take u back to INDEX-Page.



## P3 PAGE

## PAGE NAVIGATION-

- .Create 3 buttons by select insert n button n select BLANC.
- .Rename them on Button-text in styles, u can also giv it colors.
- .Click ACTION n switch it ON.
- .Select PAGE NAVIGATION ,
- .Select DESTINATION as per page-name.
- .Press Control-click on each button (P1, P2, P3) n it will take u 2 its now linked-relevant page.
- .Remember to insert BACK-Button on each page to take u back to INDEX-Page.

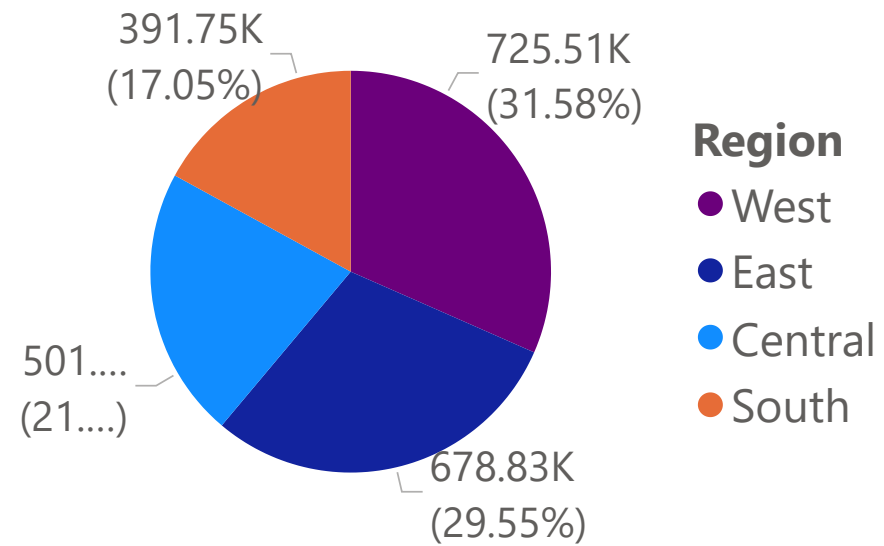


# BOOKMARK BUTTONS.

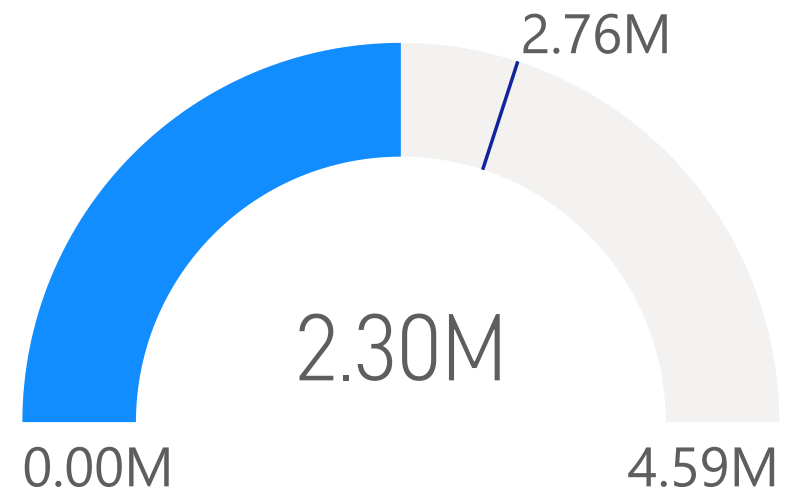
SHOW ALL

HIDE ALL

Sales by Region



Sales and Budgeted\_sales



## BOOKMARK BUTTONS.

- . Create 2 normal BLANC buttons and rename the eg SHOW ALL n HIDE ALL.
- . Create BOOKMARK Buttons - by going to VIEW and select BOOKMARK.
- . Click ADD and RENAME ur bookmarks.
- . Hide ur charts by going to VIEW and clicking SELECTION.
- . U do the hidding by CANCELLING the eye-icon on selection.
- . Click ADD to add a bookmark button on BOOKMARK and rename the button "ALL HIDDEN" now that charts are hidden.
- . Now LINK/CONNECT both BLANC BUTTONS to the BOOKMARK BUTTONS.
- . U do this at ACTION.
- . Click SHOW-ALL button, click ACTION, select BOOKMARK type, choose ALL VISIBLE BOOKMARK button
- . Connect ALL HIDDEN Button also by;
- . Click HIDE-ALL button, click ACTION, select BOOKMARK type, choose ALL HIDDEN BOOKMARK button.



Sâles by Region

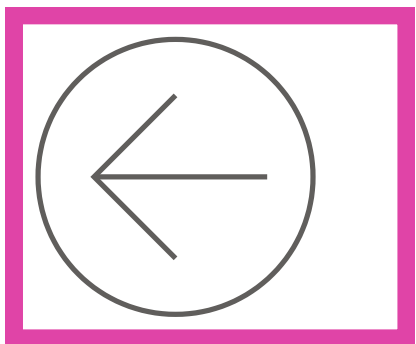


Sâles and Budgeted\_sales

## DRILL THROUGH ACTIONS with BUTTONS.

- . Via Drill through, we can jump to specific pages and see that data.
- . Create 3 pages eg D1, D2, D3 with different tables. NB-All Tables are showing SALES Distribution eg on customers, on category, on sub-category and on segment etc and all TOTAL in all tables is same as TOTAL SALES.
- . If i want to know about eg Furniture category in D2 Sub-category page or D3 Customer page.
- . Go to the TARGET PAGE (mostly children pages like D2, D3) and drop CATEGORY in DRILL THROUGH BOX below value.
- . As this Category is the 1 u'll b Drilling from SOURCE PAGE ie D1 Page.
- . On SOURCE Page, insert a BLANC button and write a text in it eg "Click for more details". U can another button and give it another text if u like.
- . Give the BUTTON the ACTION option power by;
  - . Clicking it and going to ACTION,
  - . Selecting button type as DRILL THROUGH
  - . and select DESTINATION as D2 or D3.
- . Select a category on the D1 page Table then control-click the button eg Technology/furniture/office supplies and click the 1 Drill Through button of ur choice, and it will take u to Destination D2 or D3 directly through
- . Control-click on the button now and it will take u to D2 or D3 Page.
- . Always have back-buttons on children pages (D2 D3)

.



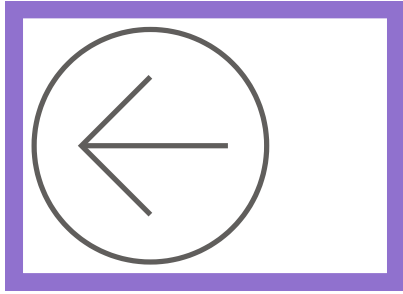
Drill through 1st page with simple table showing category sales.

| Category        | Sales          |
|-----------------|----------------|
| Furniture       | 742003         |
| Office Supplies | 719118         |
| Technology      | 836219         |
| <b>Total</b>    | <b>2297340</b> |

[Click here to see segments and subcategory's sales](#)

[Click here to know our Customers](#)



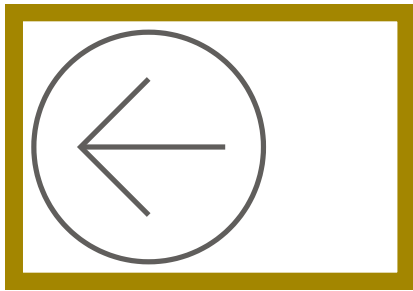


Drill through 2nd page with simple table showing segment's sales and sub-category sales

| Segment      | Sales         |
|--------------|---------------|
| Consumer     | 391056        |
| Corporate    | 229011        |
| Home Office  | 121936        |
| <b>Total</b> | <b>742003</b> |

#### Sub-Category Sales

|              |               |
|--------------|---------------|
| Bookcases    | 114879        |
| Chairs       | 328453        |
| Furnishings  | 91704         |
| Tables       | 206967        |
| <b>Total</b> | <b>742003</b> |



Drill through 3rd page with simple table showing customers and sales.

| Customer Name      | Sales         |
|--------------------|---------------|
| Aaron Bergman      | 222           |
| Aaron Hawkins      | 703           |
| Aaron Smayling     | 2136          |
| Adam Bellavance    | 196           |
| Adam Hart          | 166           |
| Adam Shillingsburg | 120           |
| Adrian Barton      | 1705          |
| Adrian Hane        | 290           |
| <b>Total</b>       | <b>836219</b> |

