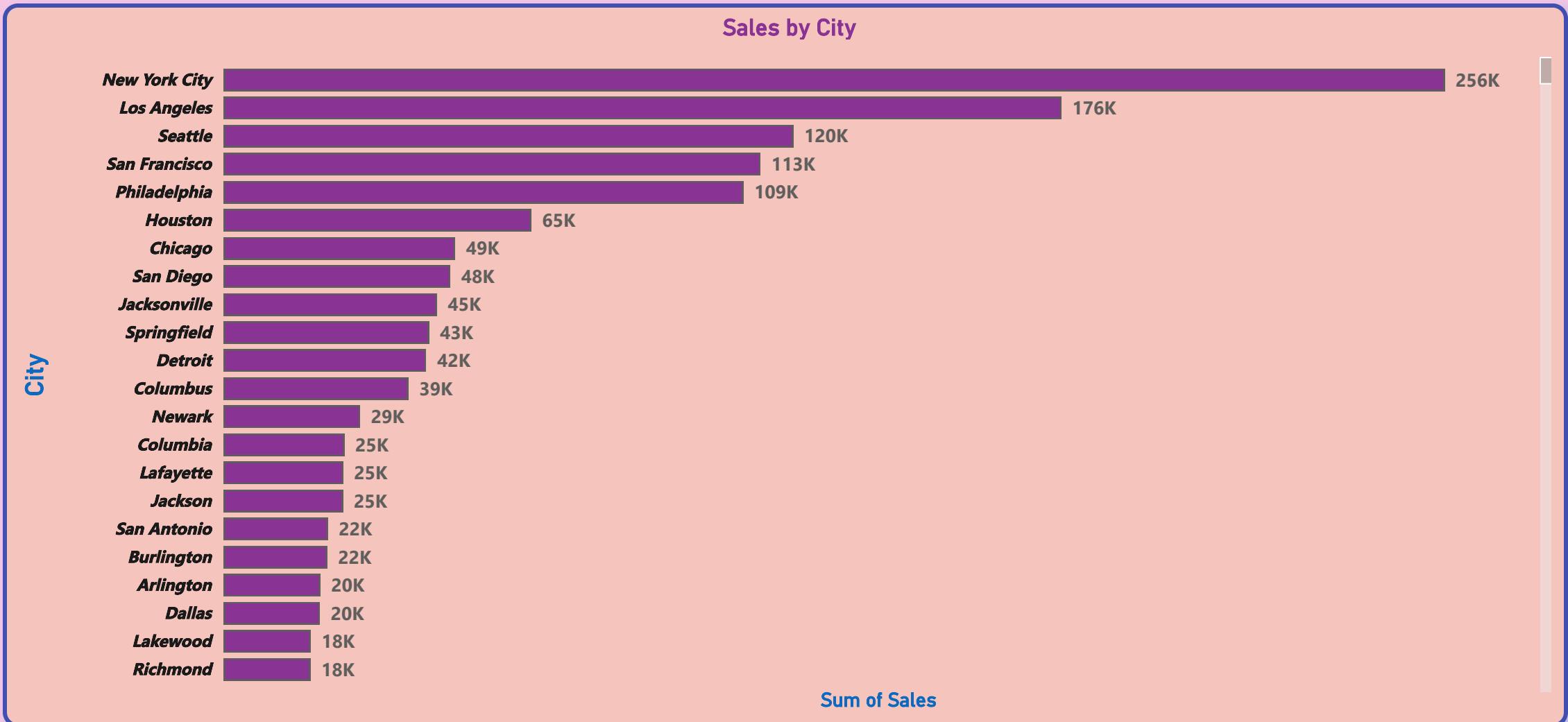
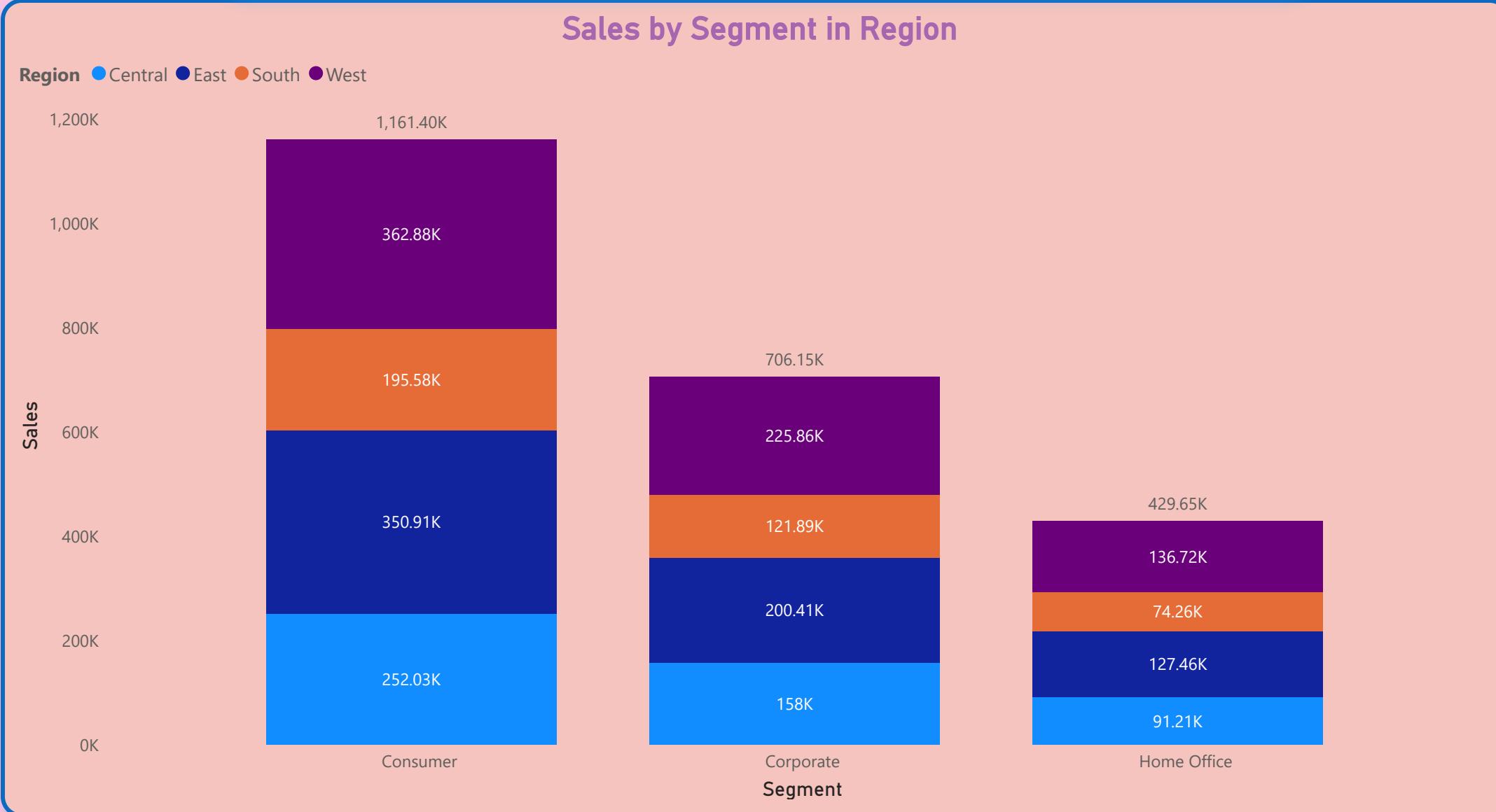


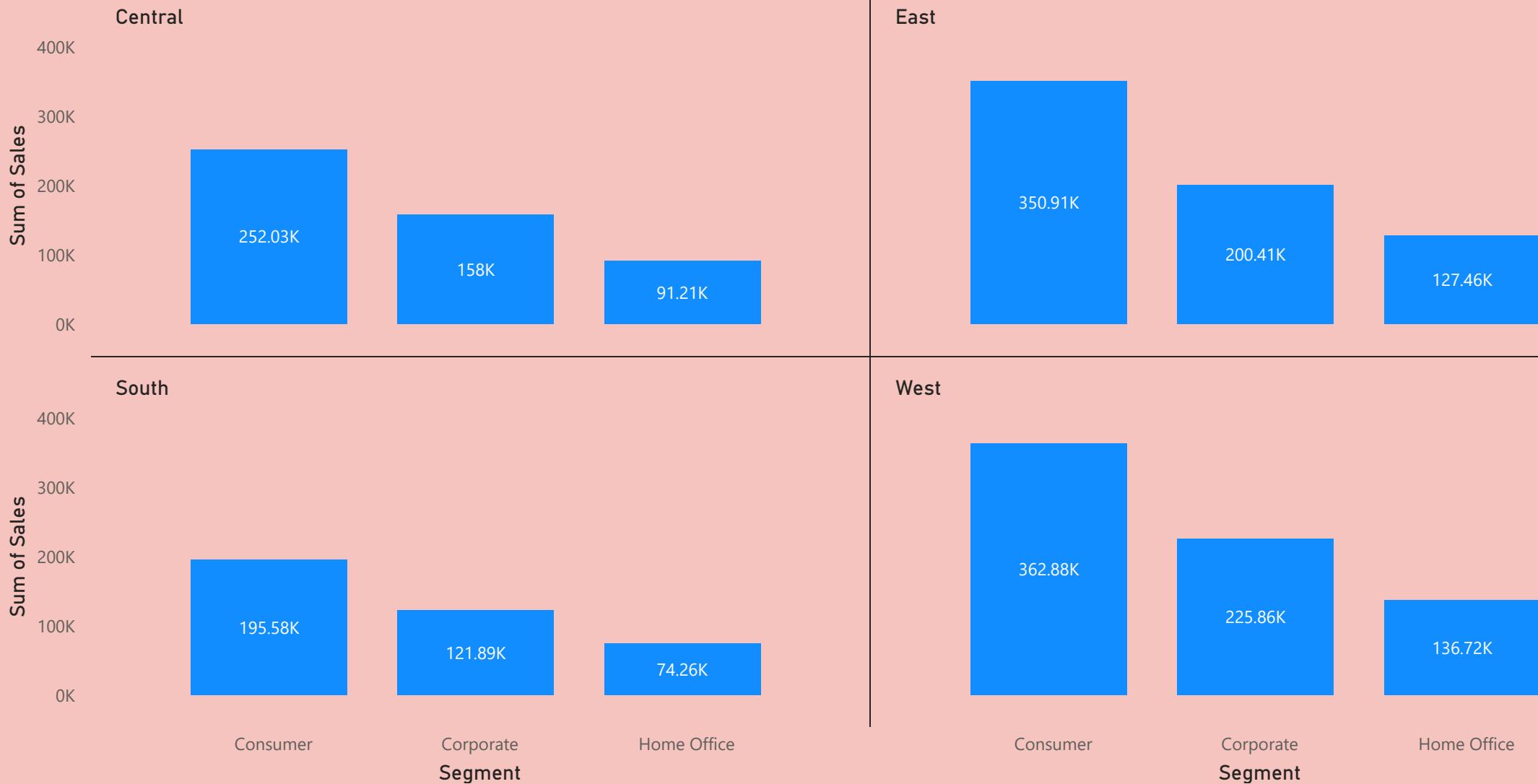
Bar charts in Power BI are a popular way to visualize data because they are simple, effective, and understandable. These are used to compare groups, Show Trends, Represent data over time.



Column charts are useful for showing data changes over a period of time or for illustrating comparisons among items.

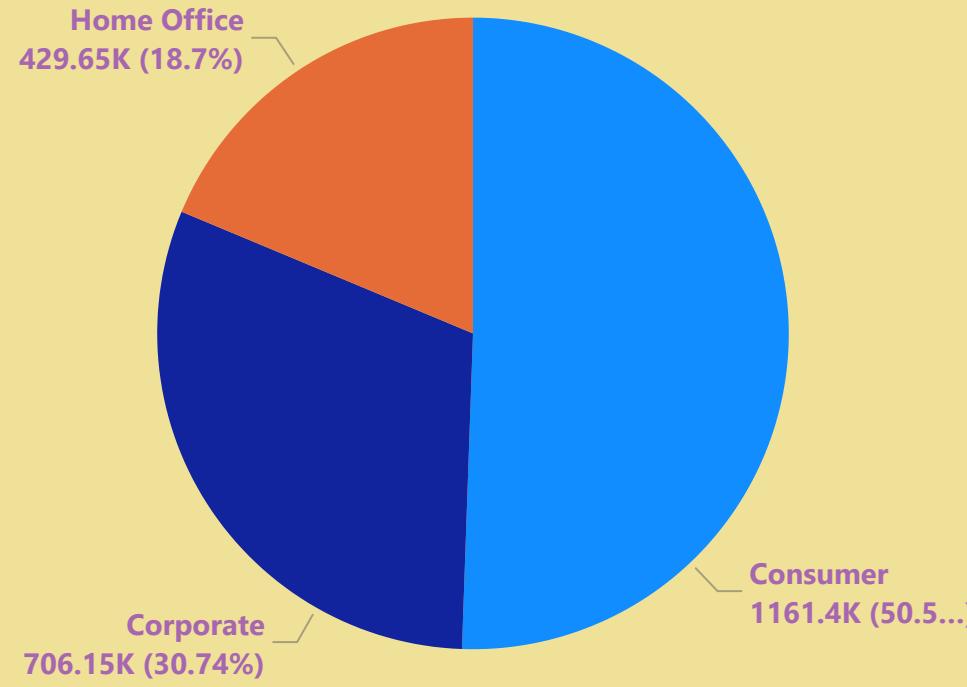


Second way to represent the Sales by Segment in Region

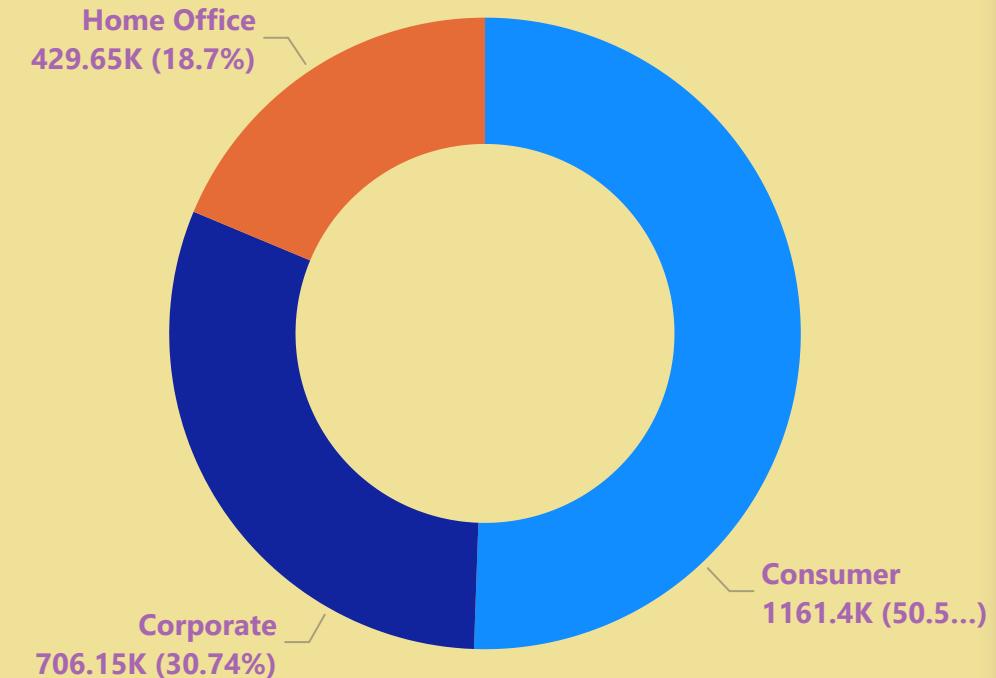


Pie and Donut Charts are mostly created to show the contributions of different values to a total amount.

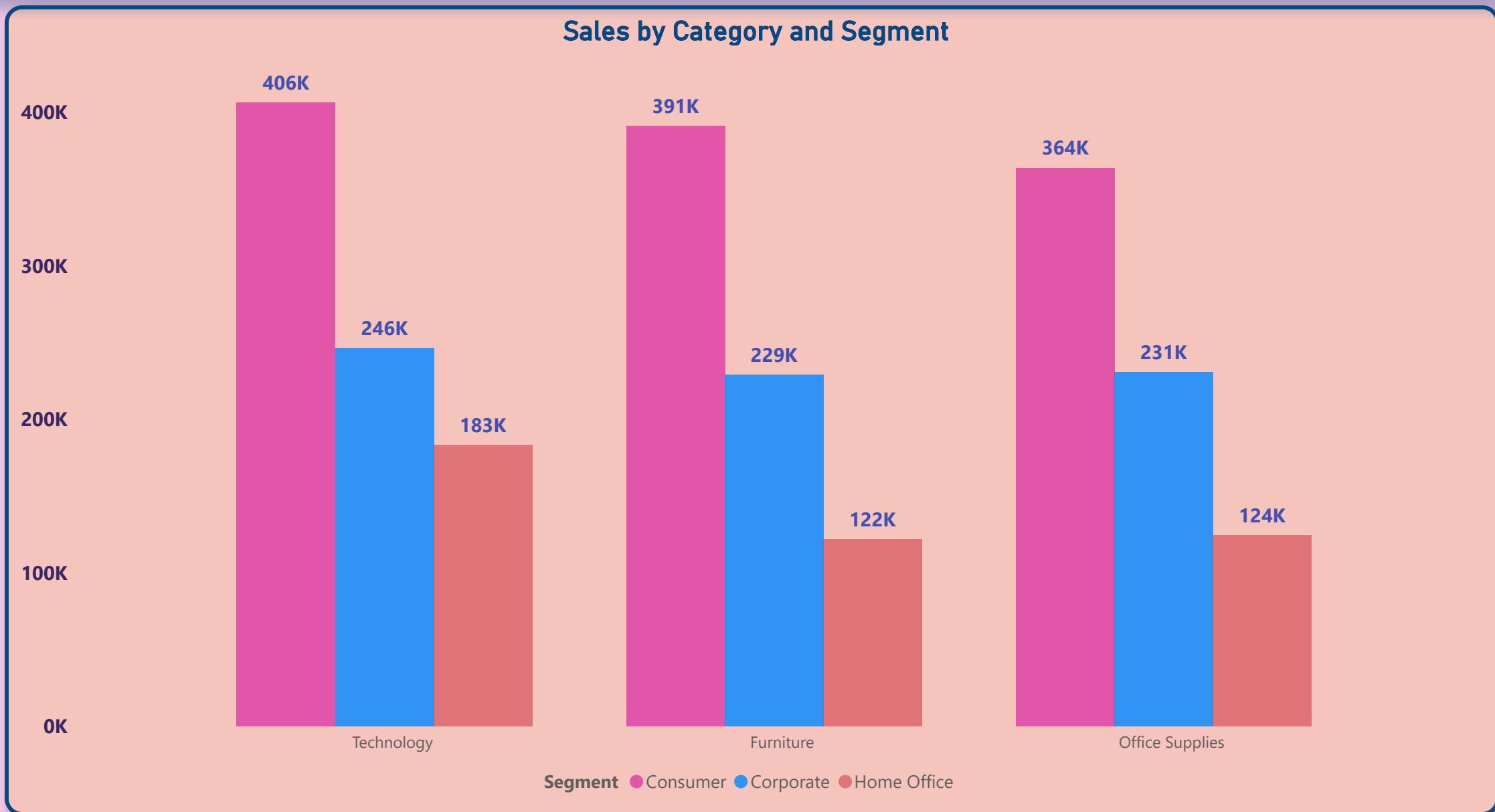
Sales by Segment



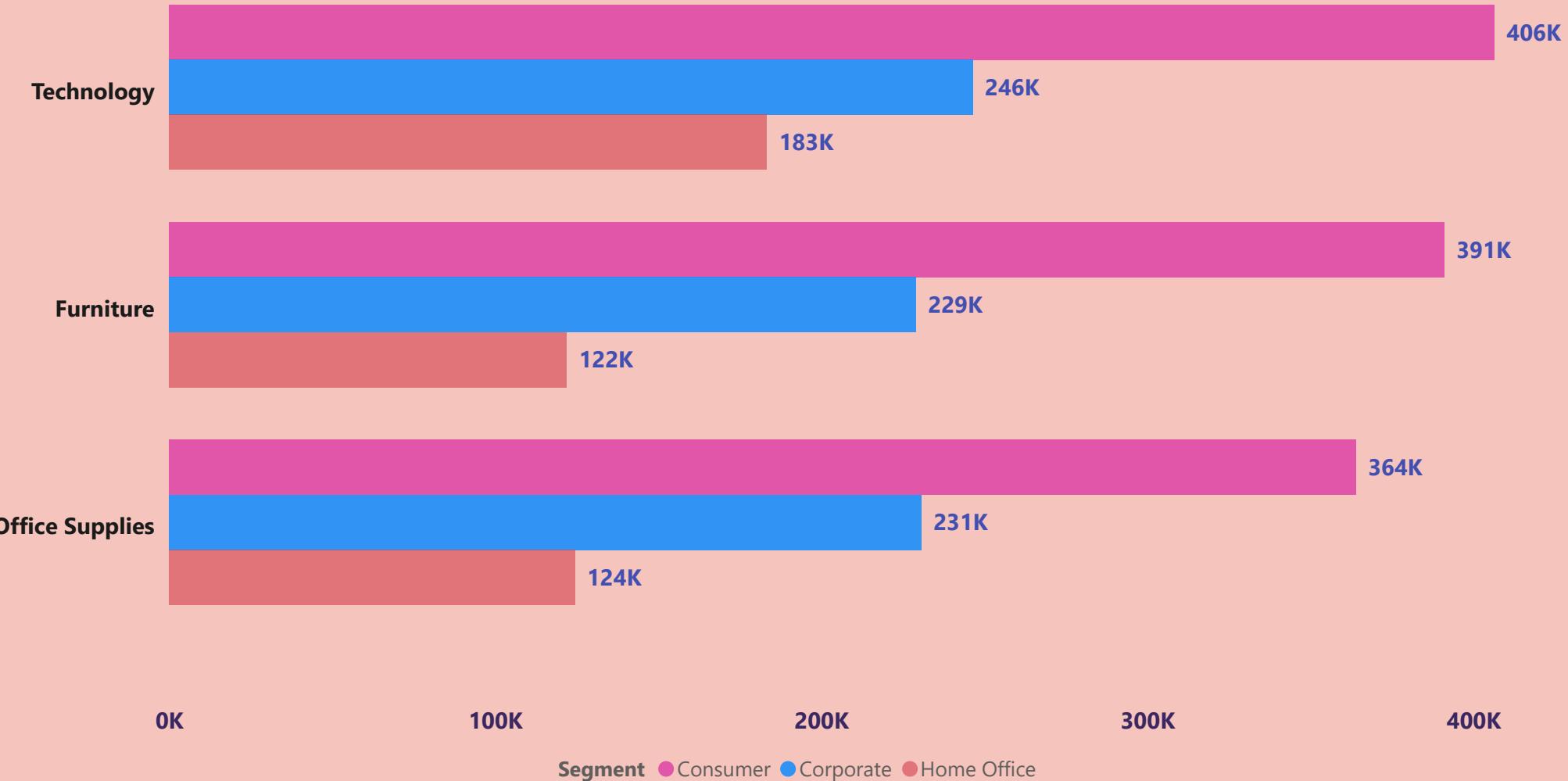
Sales by Segment



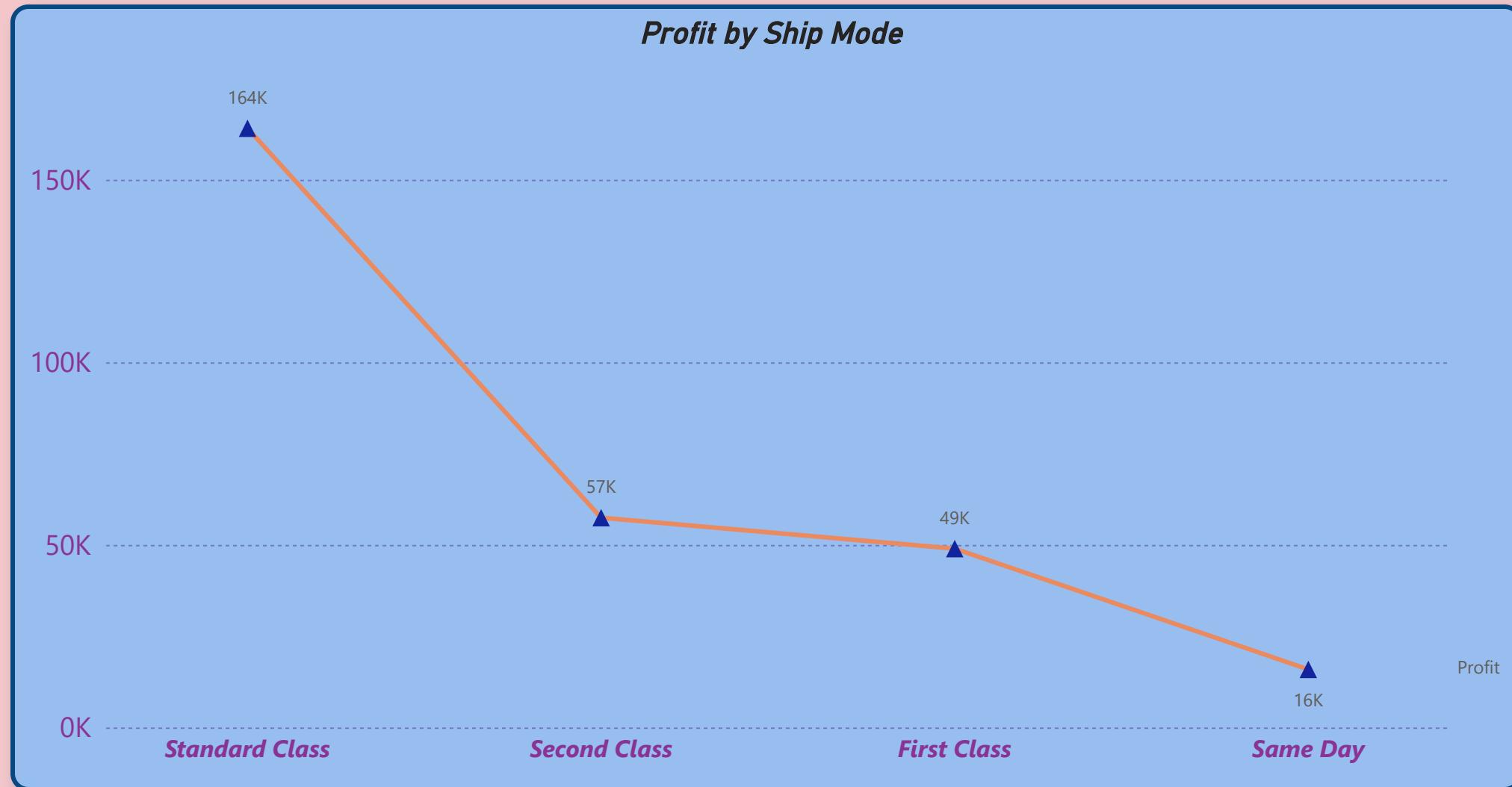
Clustered column chart use to visualize data and compare values across categories and within series. Clustered column charts are useful for displaying multiple categories side by side, making it easy to see similarities and differences between items in a dataset.



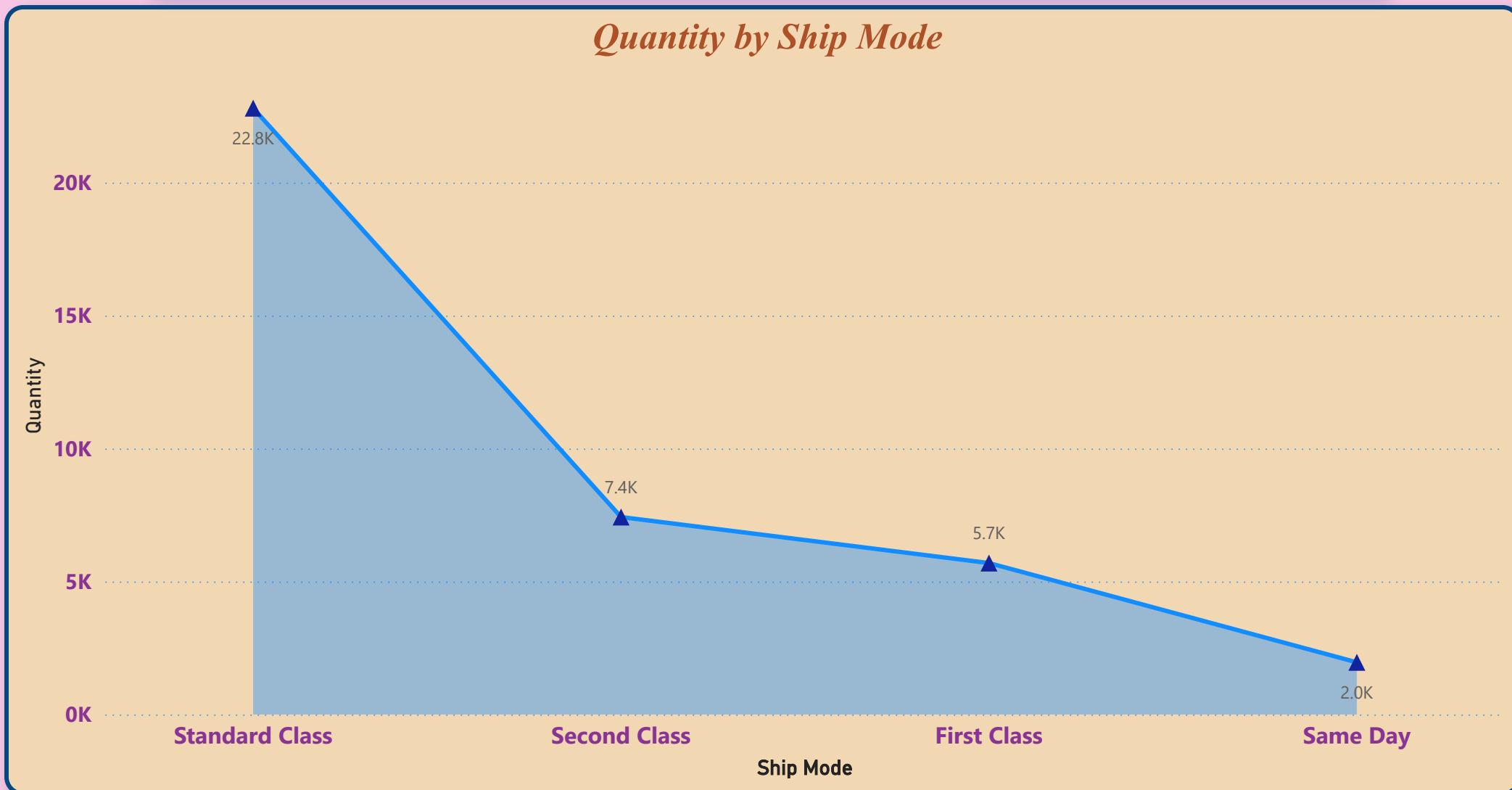
Sales by Category and Segment



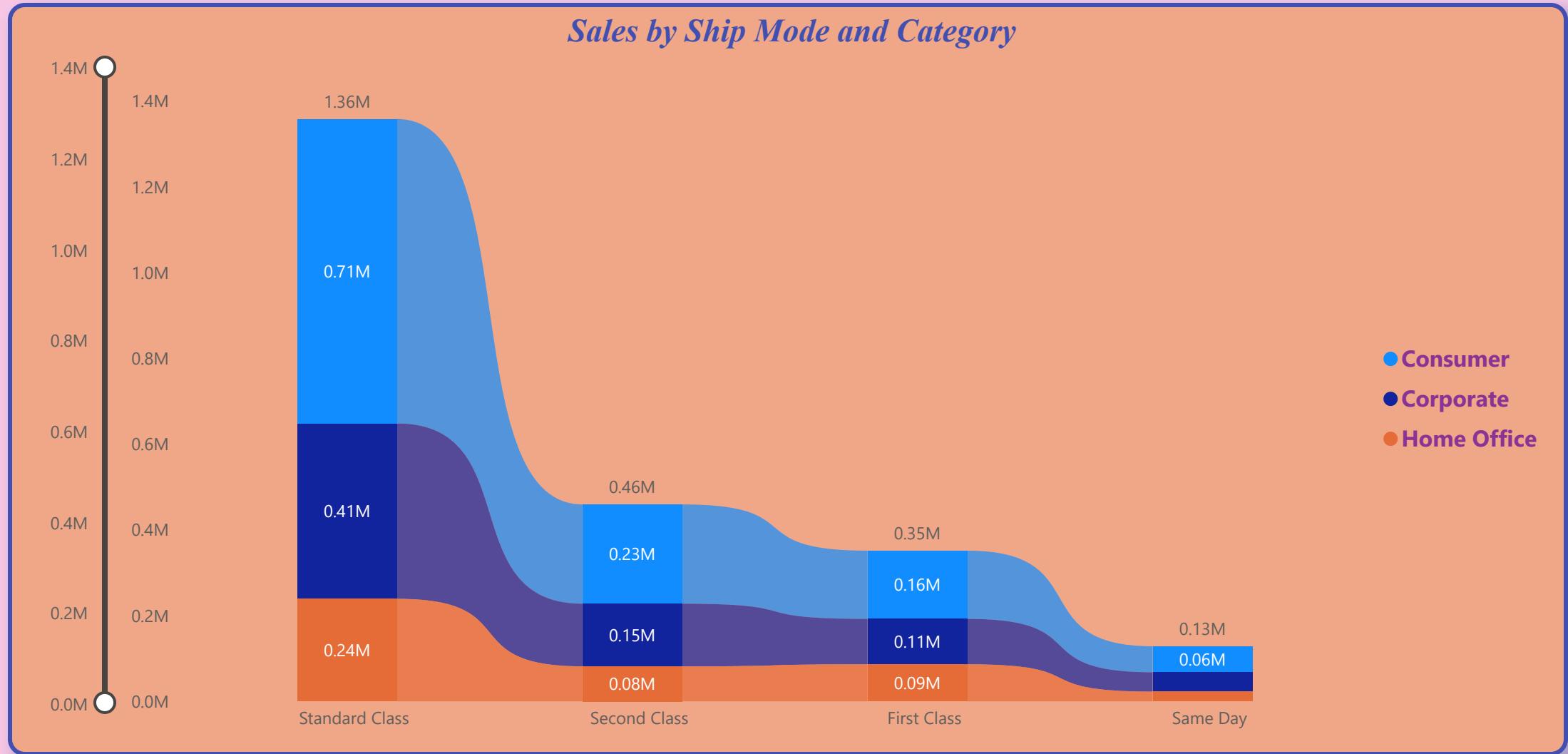
Line charts are used to track changes over time. They are used over column charts when there are multiple groups you want to spot trends for or tracking small changes over time.



Area charts are very similar to line charts. They both show quantitative data with a time period on the x-axis. A stacked area chart is used to compare each category of the data against the whole.



Ribbon charts to visualize data and quickly discover which data category has the highest rank (largest value). A ribbon illustrates how the value of a data category changes over a visualized time period.



Combined Line and Stacked Column Chart

Total Sales and Profit by Year and Segment

Segment ● Consumer ● Corporate ● Home Office ● Profit

800K

600K

Sales

400K

200K

0K

2014

2015

2016

2017

Year

90K

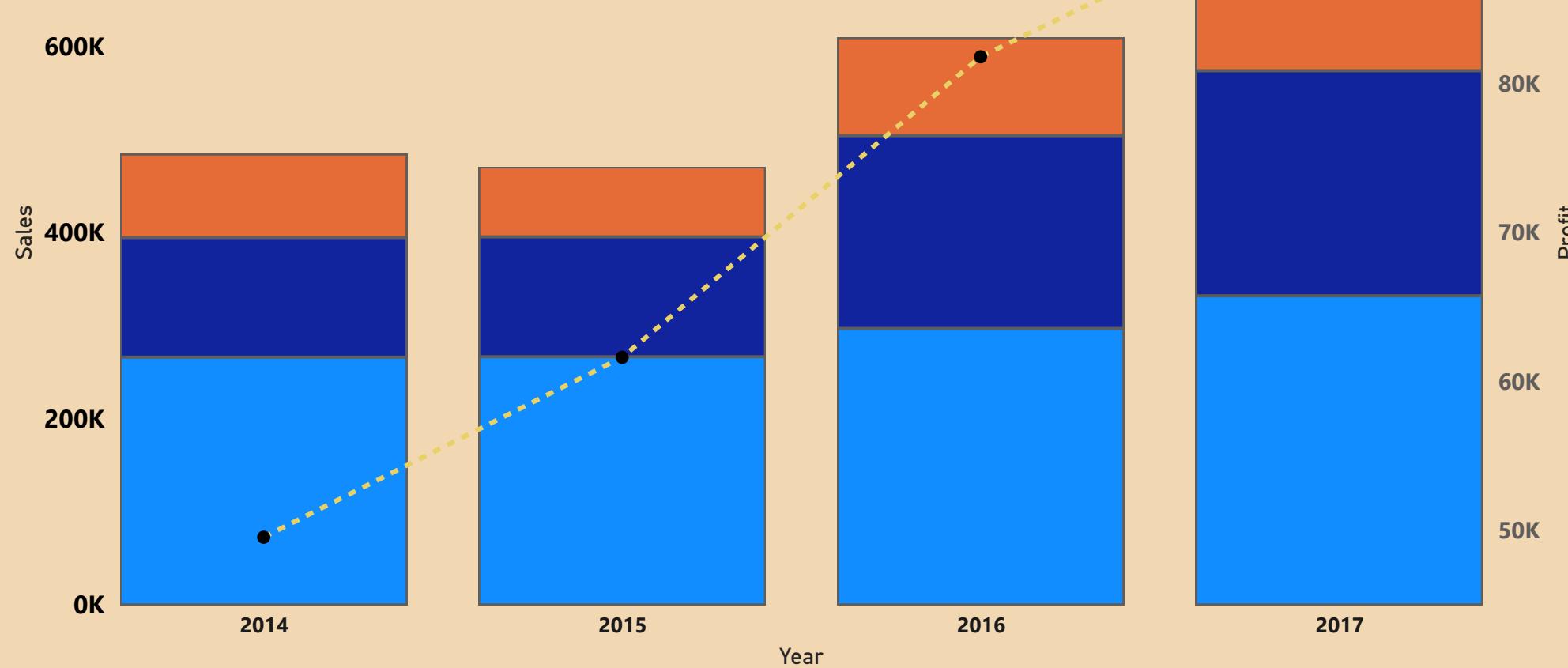
80K

70K

60K

50K

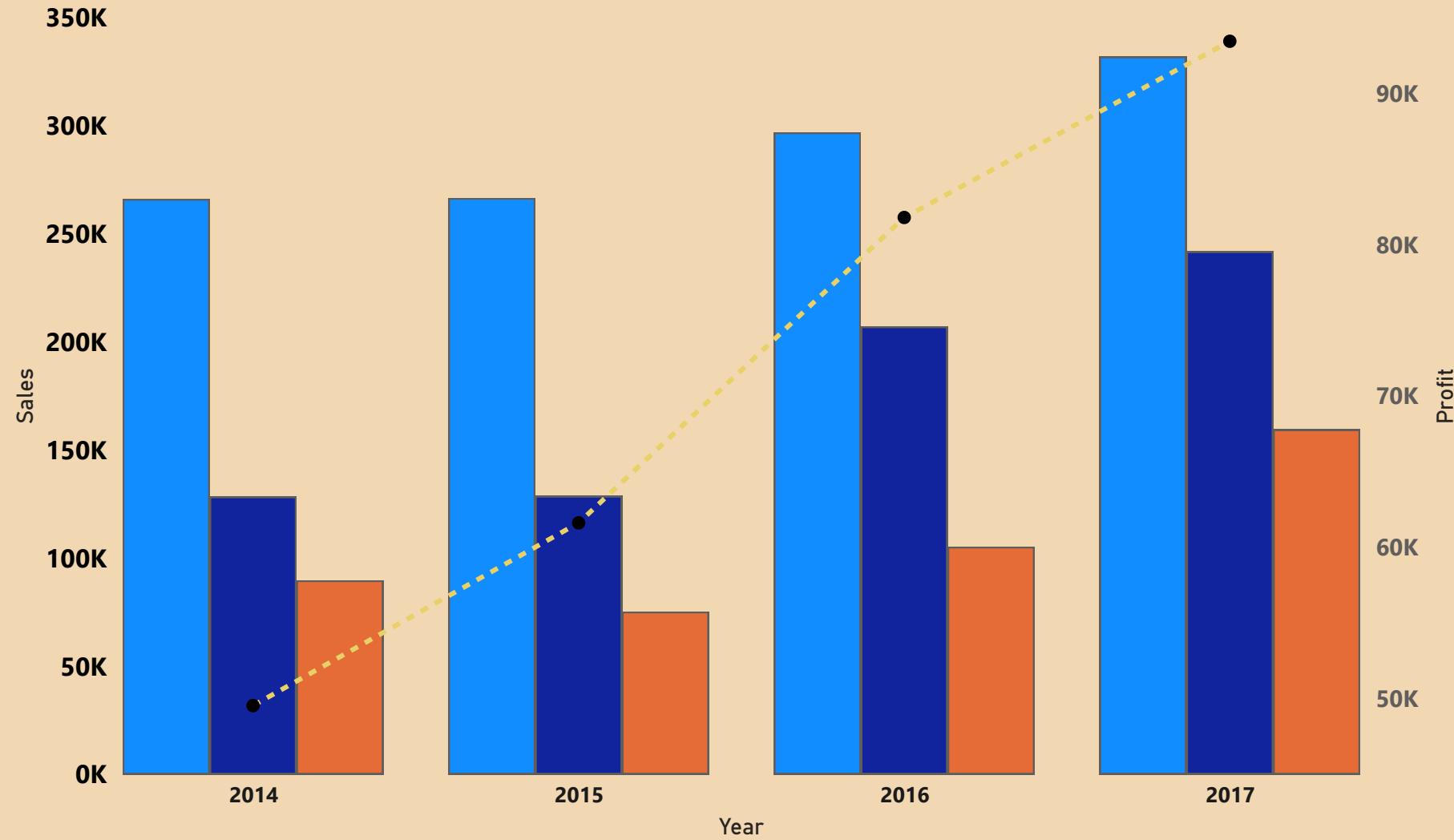
Profit



Combined Line and Clustered Column Charts

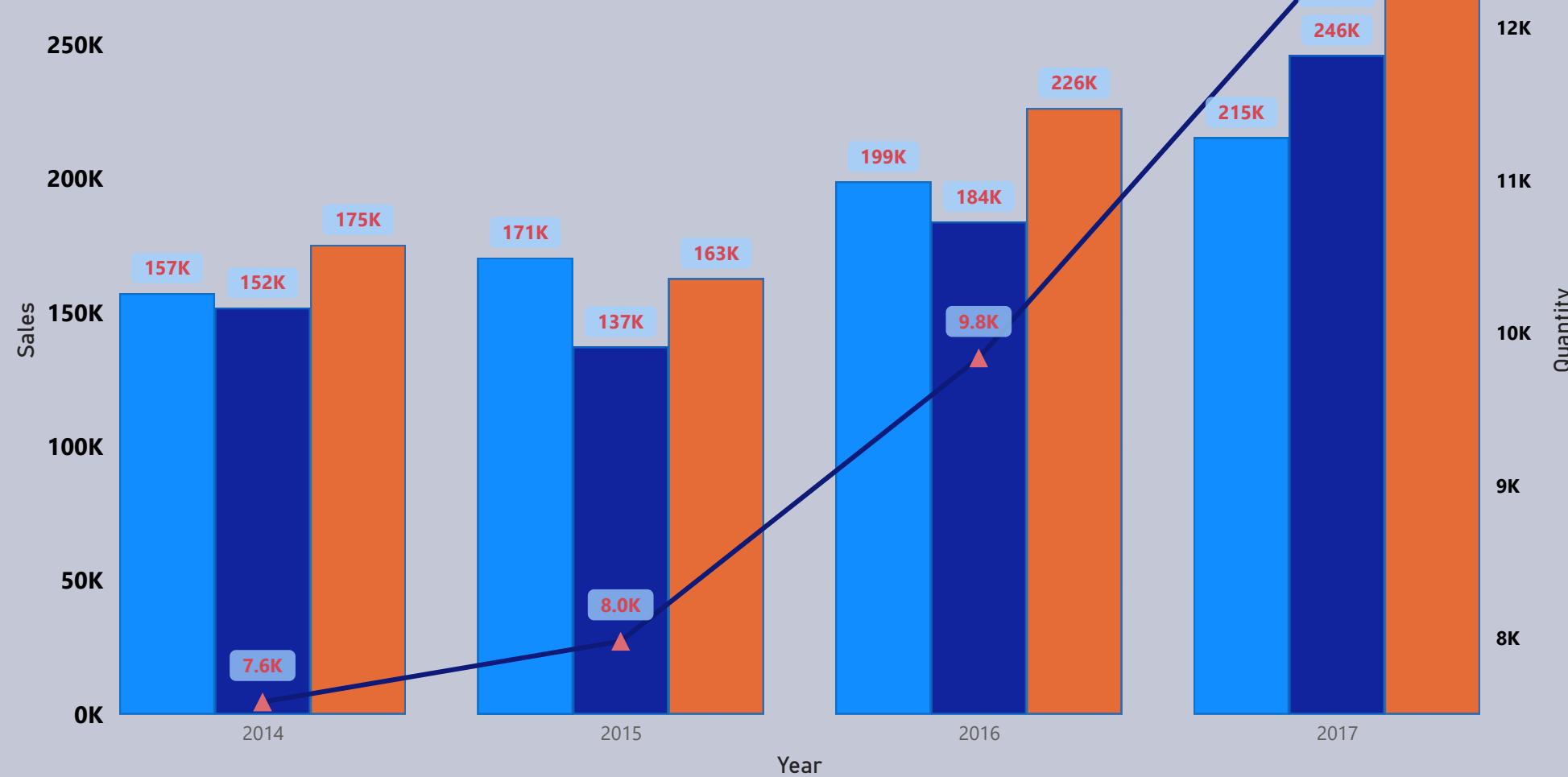
Total Sales and Profit by Year and Segment

Segment ● Consumer ● Corporate ● Home Office ● Profit

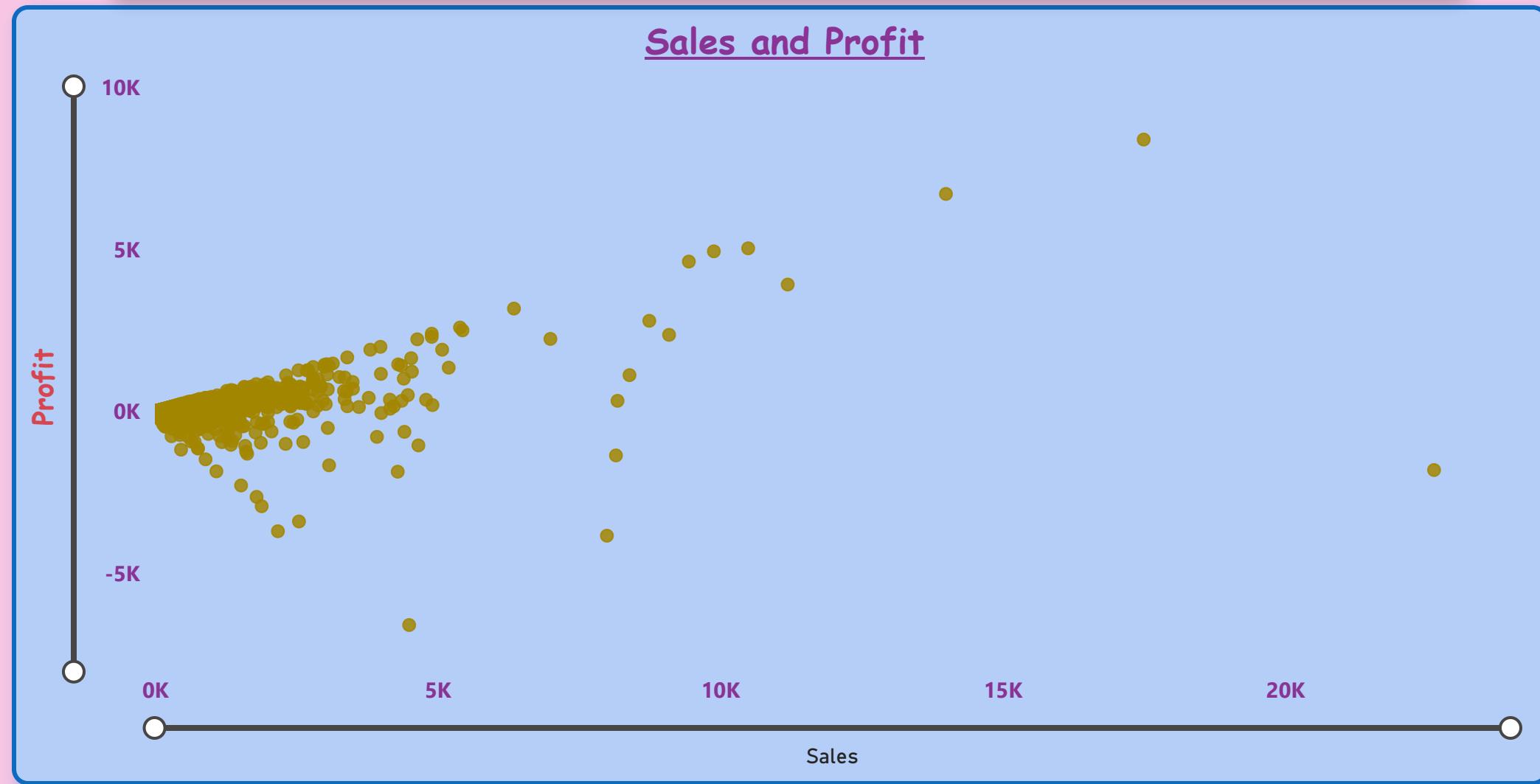


Sales and Sum of Quantity by Year and Category

Category ● Furniture ● Office Supplies ● Technology ▲ Quantity



Scatter charts display data along a horizontal (x) and vertical (y) axis. The chart reveals how numerical values along the two axes are related.



Maps are useful for understanding geographical trends or analyzing spatial relationships for better decision-making.

Sales by City

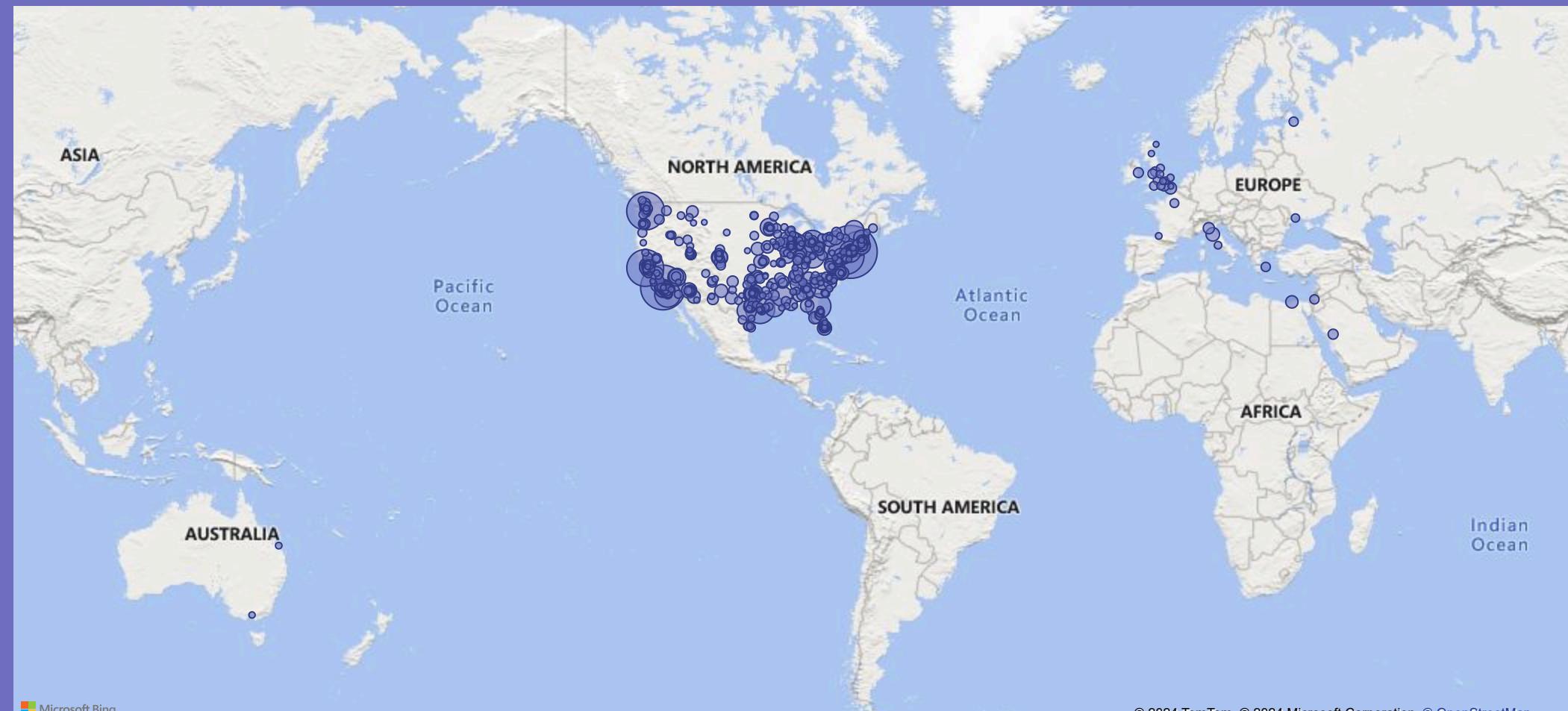


Table visuals are a good choice for displaying data in a tabular format with rows and columns, or as a matrix.

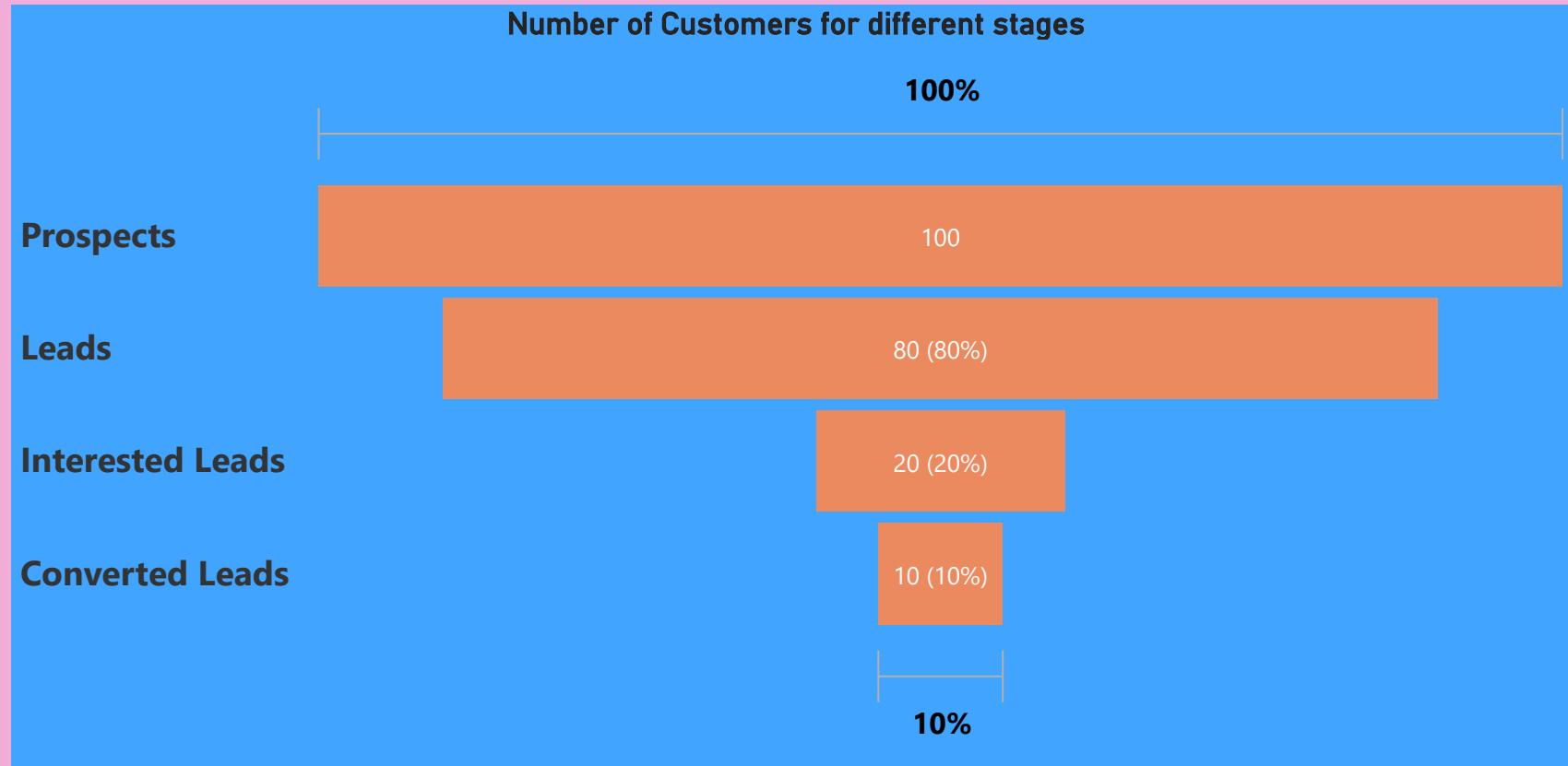
Table visual

Country	Region	State	Sales	Profit
United States	South	Alabama	19,510.64	5,786.83
United States	West	Arizona	35,282.00	-3,427.92
United States	South	Arkansas	11,678.13	4,008.69
United States	West	California	4,57,687.63	76,381.39
United States	West	Colorado	32,108.12	-6,527.86
United States	East	Connecticut	13,384.36	3,511.49
United States	East	Delaware	27,451.07	9,977.37
United States	East	District of Columbia	2,865.02	1,059.59
United States	South	Florida	89,473.71	-3,399.30
United States	South	Georgia	49,095.84	16,250.04
United States	West	Idaho	4,382.49	826.72
United States	Central	Illinois	80,166.10	-12,607.89
United States	Central	Indiana	53,555.36	18,382.94
United States	Central	Iowa	4,579.76	1,183.81
United States	Central	Kansas	2,914.31	836.44
United States	South	Kentucky	36,591.75	11,199.70
United States	South	Louisiana	9,217.03	2,196.10
Total			22,97,200.86	2,86,397.02

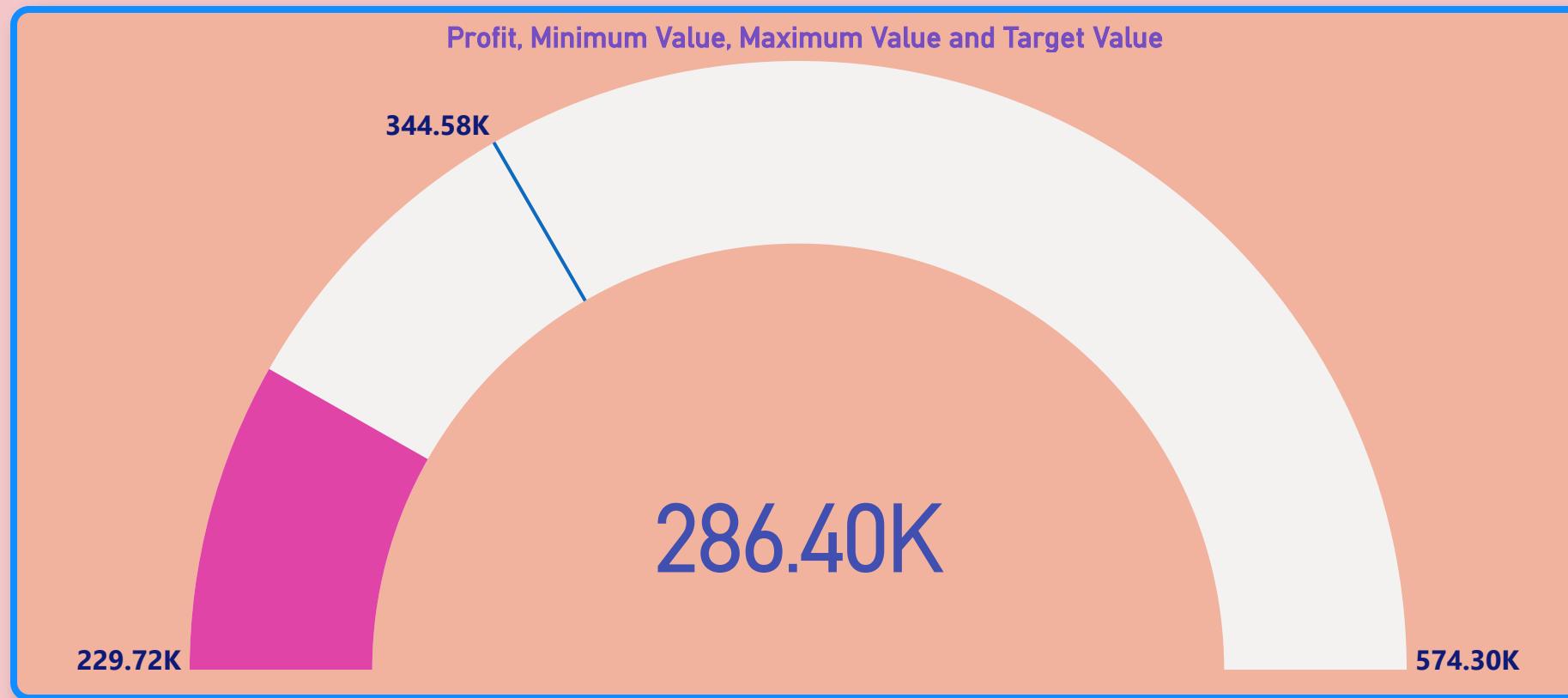
Matrix visuals in Power BI are similar to tables but can display data across multiple dimensions and support a stepped layout. They can be used to show hierarchical data in a tabular format, such as sales by product and region, expenses by category and subcategory, or grades by student and subject.

Matrix Visual											
Region	Central		East		South		West		Total		
Country	Sales	Profit	Sales	Profit	Sales	Profit	Sales	Profit	Sales	Profit	
United States	5,01,239.89	39,706.36	6,78,781.24	91,522.78	3,91,721.91	46,749.43	7,25,457.82	1,08,418.45	22,97,200.86	2,86,397.02	
Aberdeen	25.50	6.63							25.50	6.63	
Abilene	1.39	-3.76							1.39	-3.76	
Akron			2,729.99	-186.64					2,729.99	-186.64	
Albuquerque							2,220.16	634.09	2,220.16	634.09	
Alexandria					5,519.57	318.62			5,519.57	318.62	
Allen	290.21	-39.88							290.21	-39.88	
Allentown			853.25	-226.45					853.25	-226.45	
Altoona			20.45	-1.18					20.45	-1.18	
Amarillo	3,773.06	-387.97							3,773.06	-387.97	
Anaheim							7,986.87	1,234.00	7,986.87	1,234.00	
Andover			435.85	124.19					435.85	124.19	
Ann Arbor	889.27	228.92							889.27	228.92	
Antioch							19.44	9.33	19.44	9.33	
Apopka					904.55	54.36			904.55	54.36	
Apple Valley	137.94	8.97					1,915.08	283.62	2,053.02	292.59	
Appleton	1,671.31	554.77							1,671.31	554.77	
Arlington	5,847.77	-254.39			14,366.76	4,424.09			20,214.53	4,169.70	
Arlington Heights	14.11	1.23							14.11	1.23	
Arvada							503.40	59.86	503.40	59.86	
Total	5,01,239.89	39,706.36	6,78,781.24	91,522.78	3,91,721.91	46,749.43	7,25,457.82	1,08,418.45	22,97,200.86	2,86,397.02	

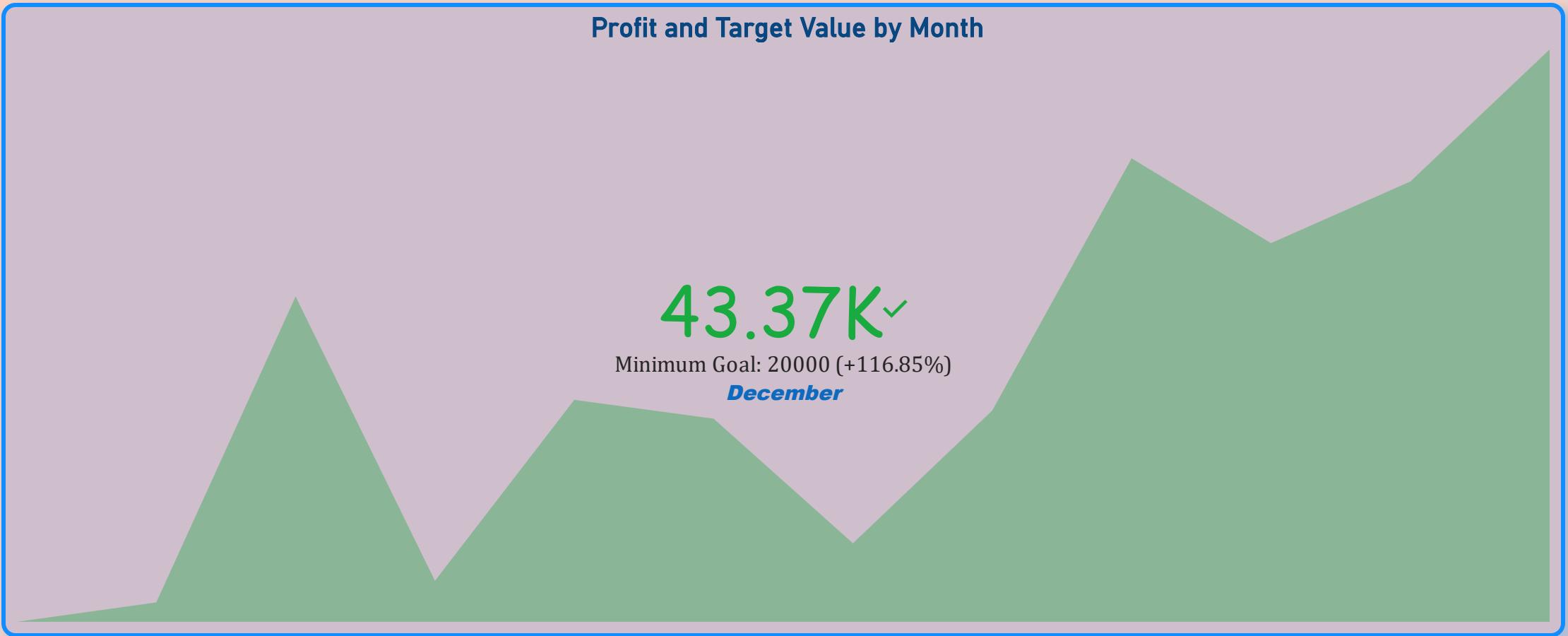
Use to represent the linear process that has sequential data, or connected stages.



Gauge charts are used to show progress towards a particular goal.



KPI Visual is to help you evaluate the current value and status of a metric against a defined target.



Key Influencers visualization uses machine learning and artificial intelligence (AI) to help users understand how data factors impact a selected metric.

Key influencers Top segments

What influences Profit to ?

When...

Discount is 0

Maximum Value goes up
155.80

Minimum Value goes up
62.32

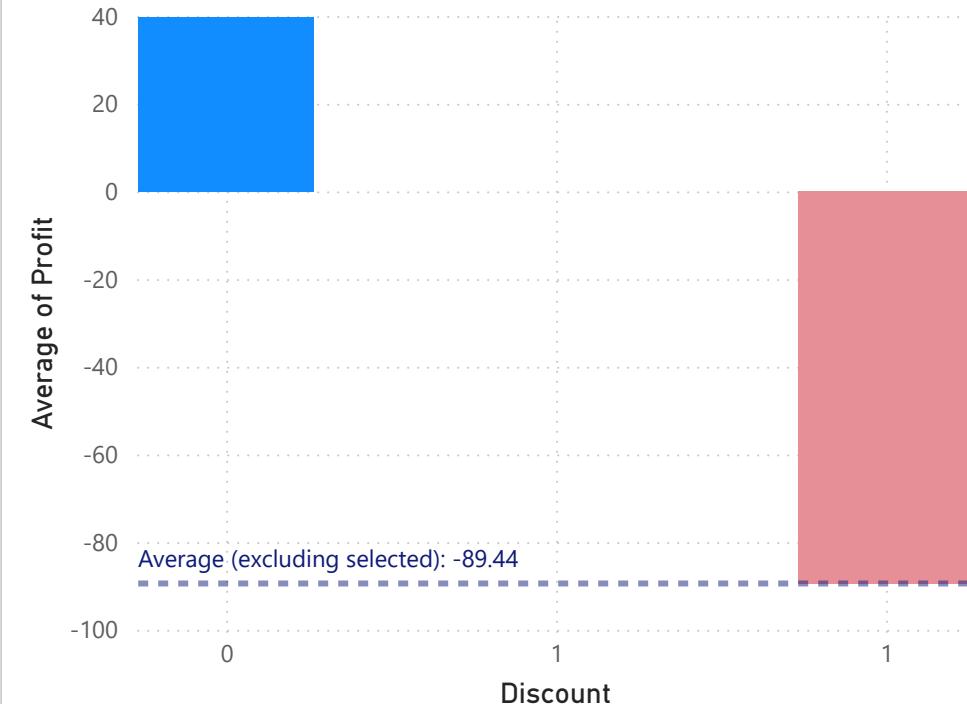
....the average of Profit
increases by

129.2

52.68

52.68

← Profit is more likely to increase when Discount is 0 than otherwise (on average).

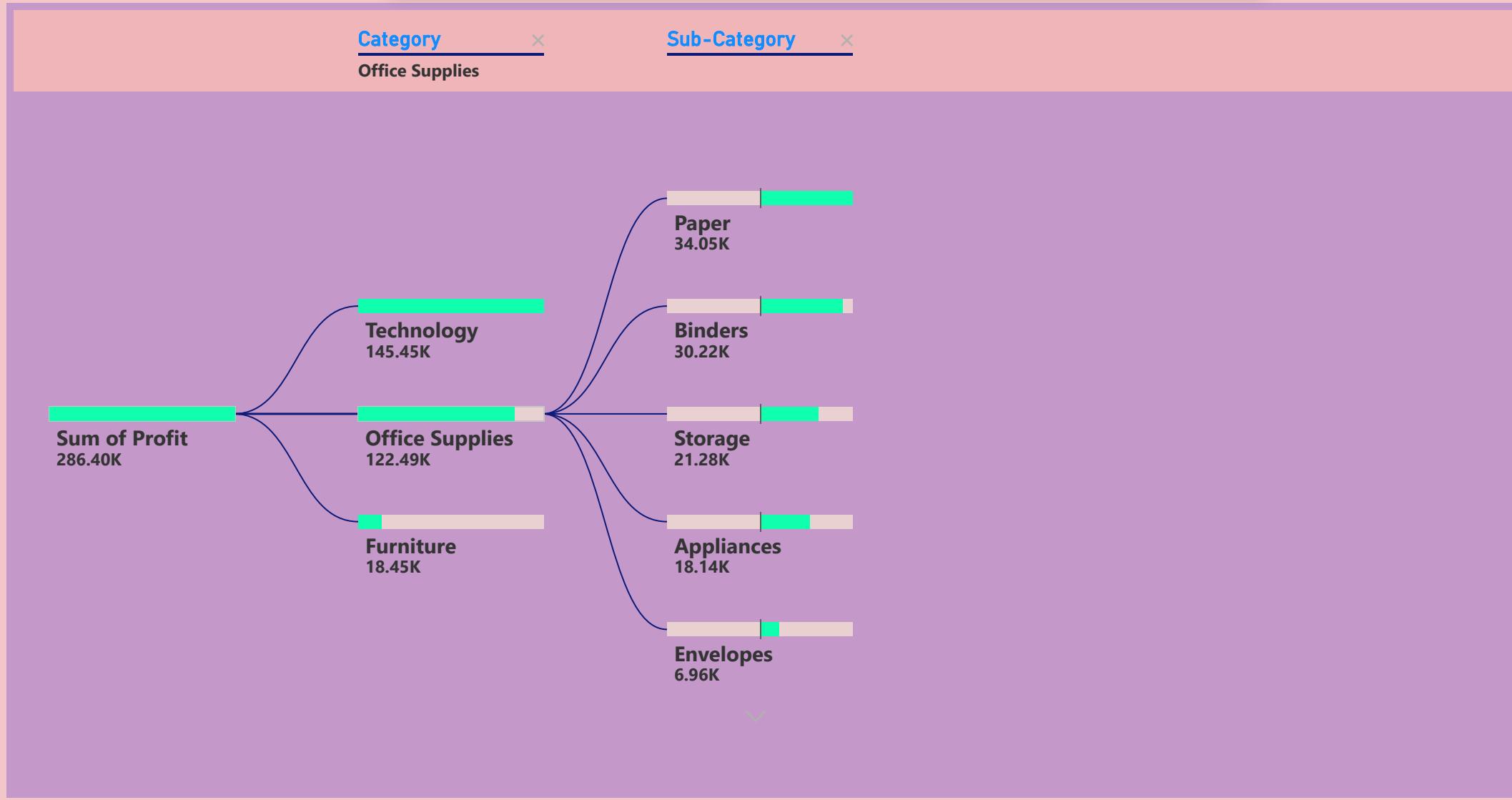


Sort by: Count

Only show values that are influencers



Decomposition tree is an AI visualization that allows you to break down a metric by one or more dimensions to understand how individual factors impact



Power BI's Q&A feature allows users to ask questions about their data using natural language and receive answers in the form of charts and graphs.

 Help Q&A understand people better by adding synonyms.

[Add synonyms now](#)



 [Ask a question about your data](#)



Try one of these to get started

what is the target value
by state

what is the minimum
value by city

what is the maximum
value by category

what is the minimum
value by customer name

top categories by target
value

top ship modes by
minimum value

[Show all suggestions](#)