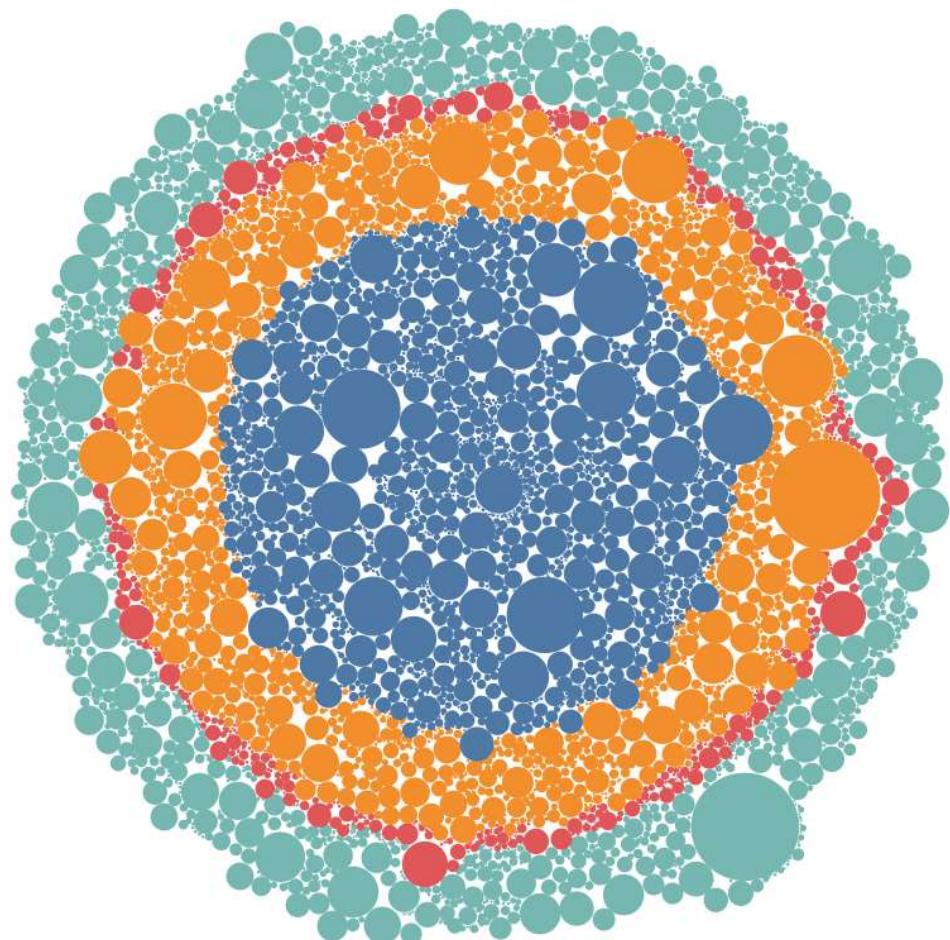


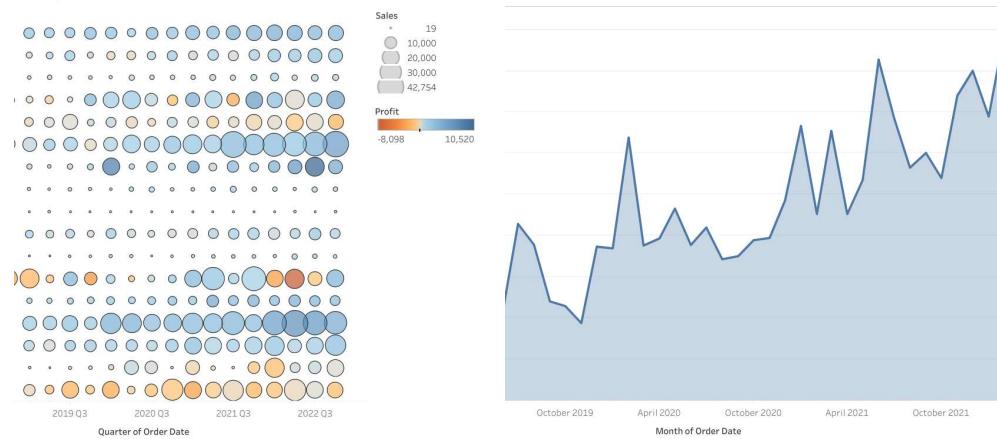
Yrs move up or down in rankings



fa field



relation b/w two measures



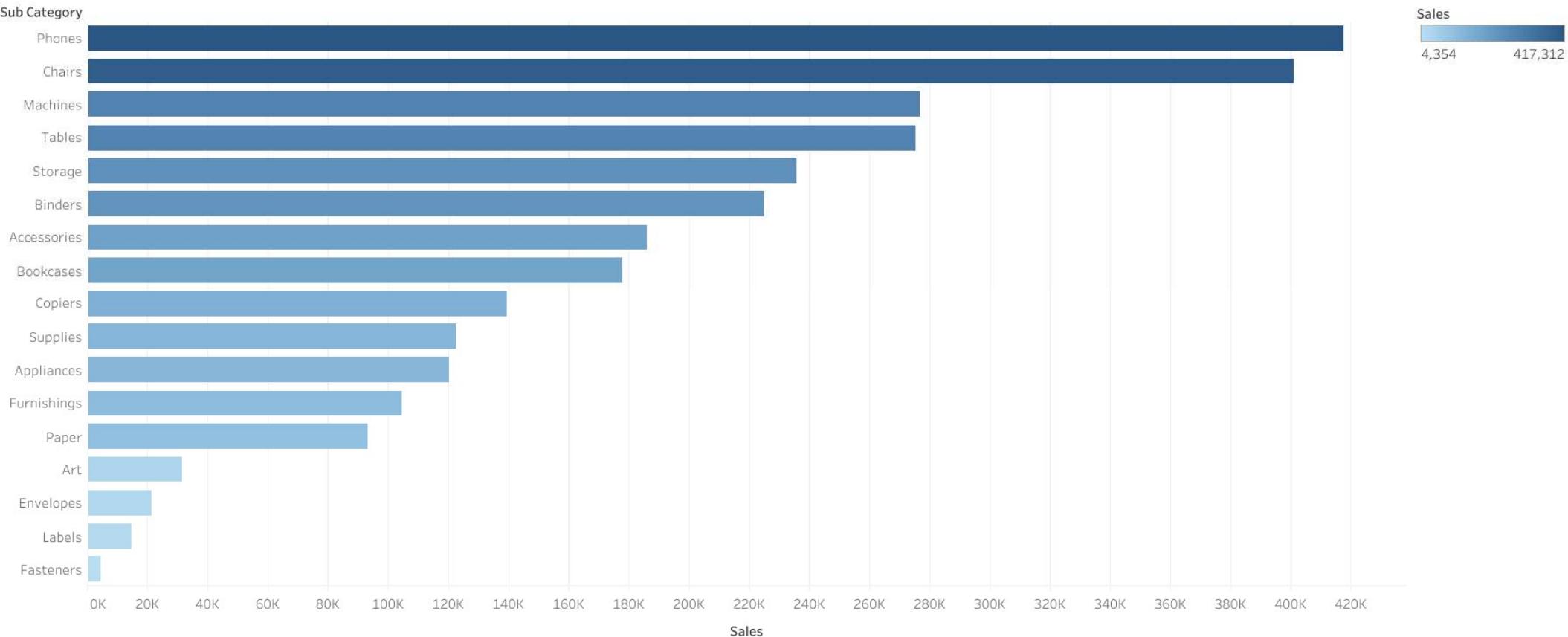
Sunday, August 4, 2024

50+ Tableau Viz. - Ankit Negi

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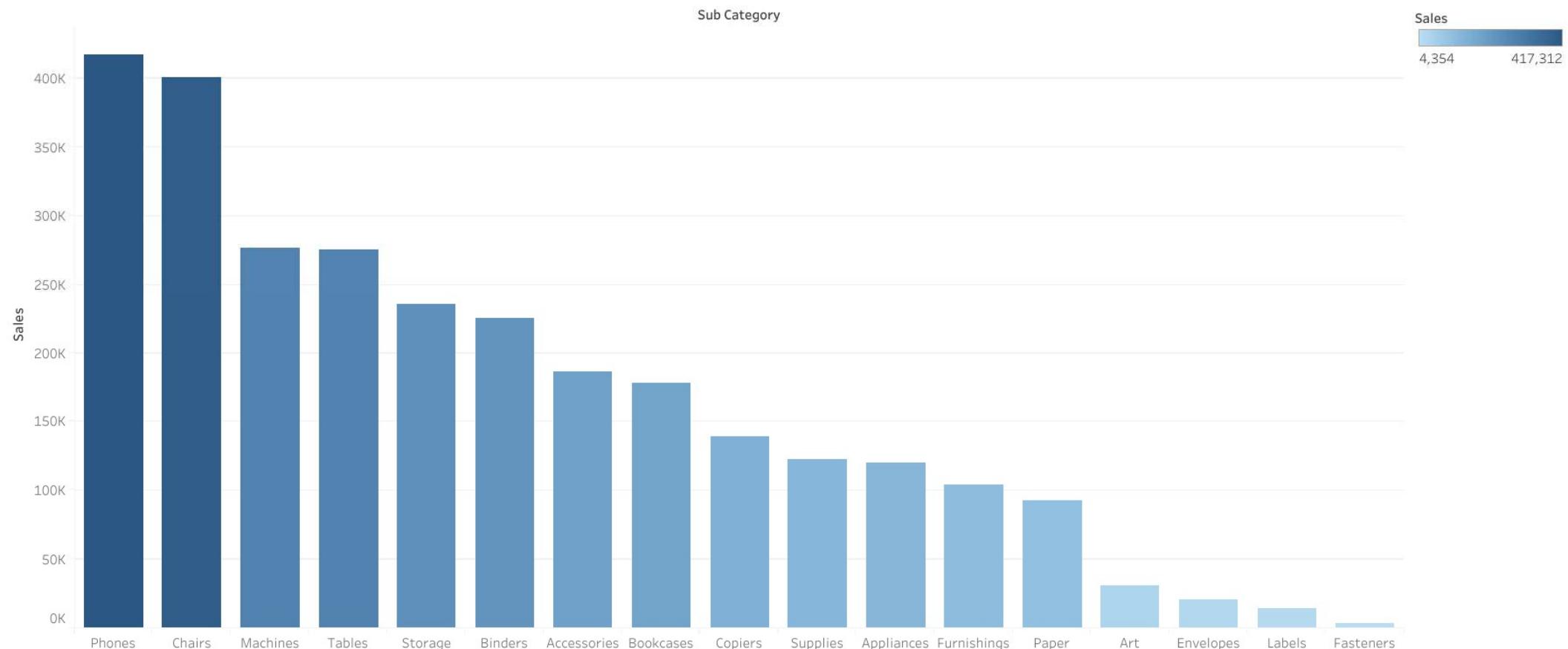
Bar Chart (Row)

Use: Show ranking of categories based on their values..



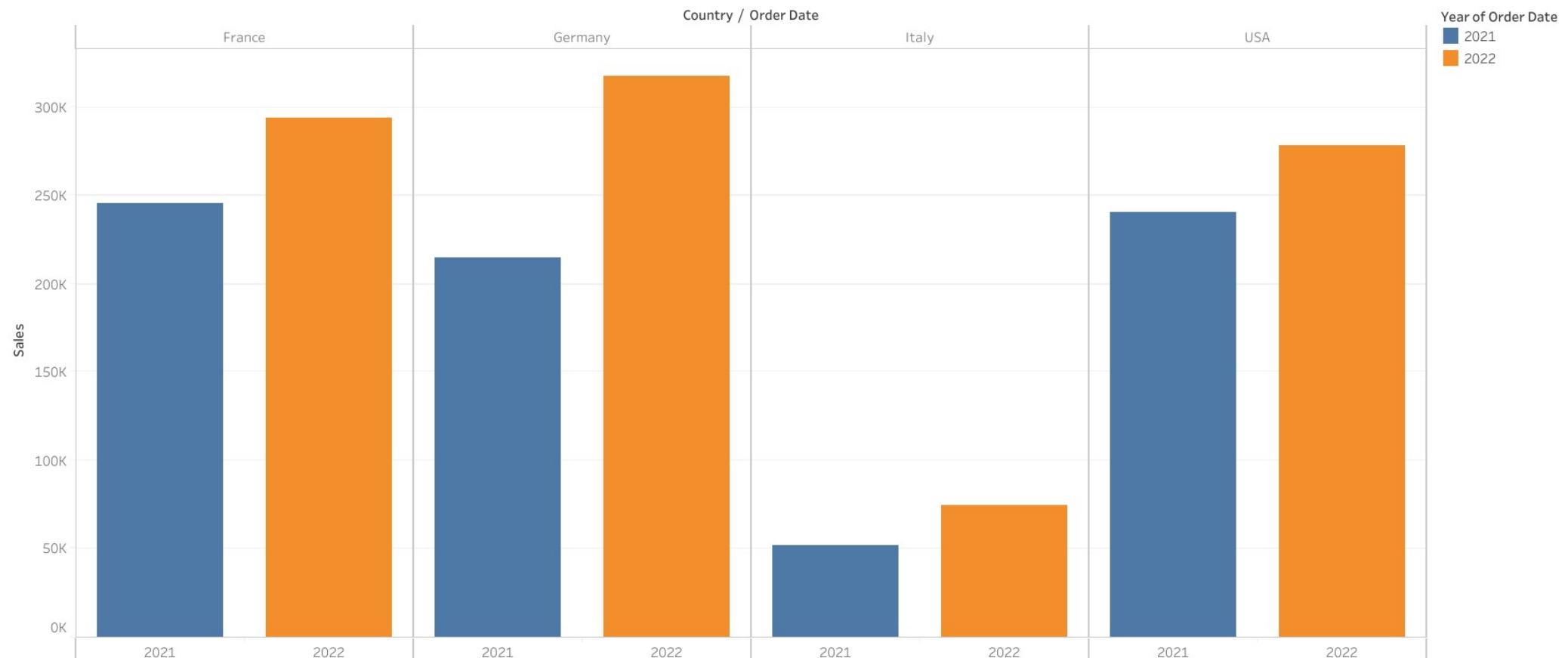
Bar Chart (Col)

Use: When you have low no of numbers/value or low cardinality



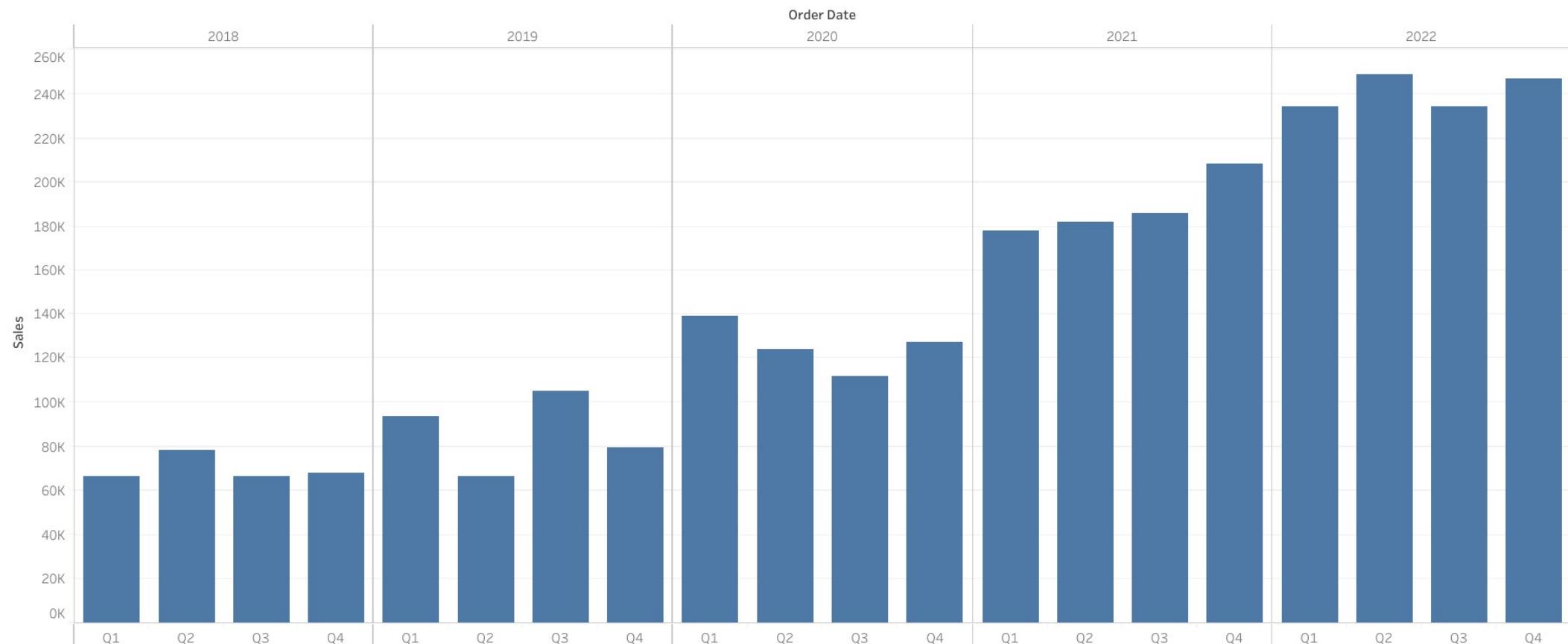
Bar Chart (Side-by-Side)

Use: Compare values across different categories.



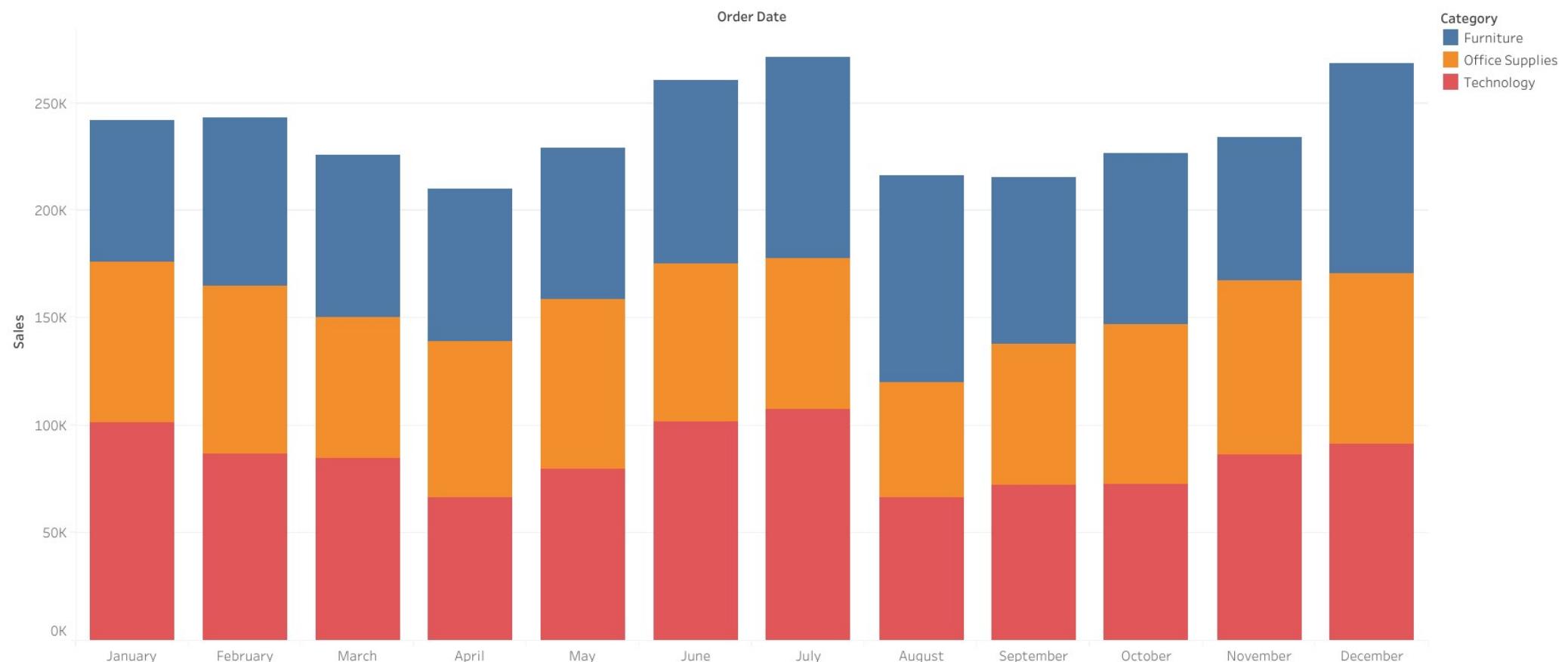
Bar Chart (Over-Time)

Use: Analyse change over time to compare data across different time periods or Analyzing Trends



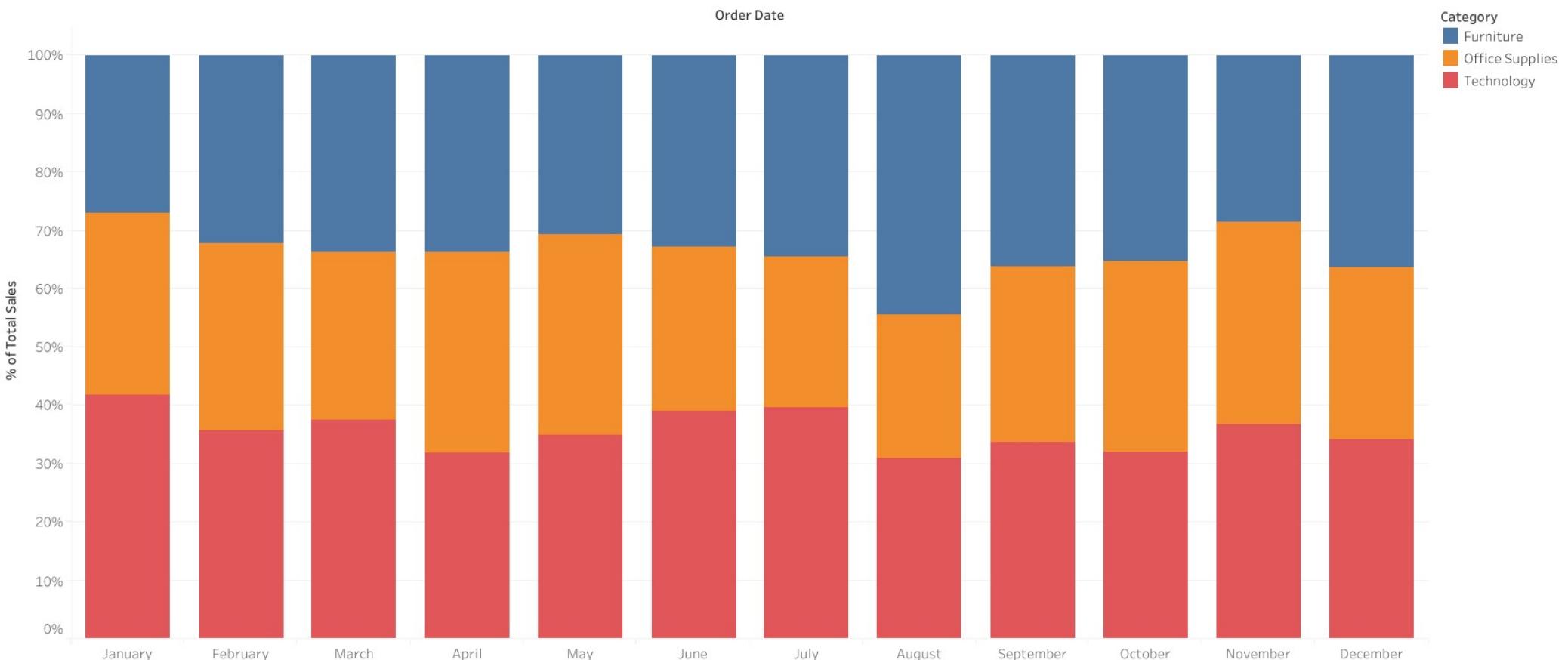
Bar Chart (Stacked)

Use: Analyse change over time



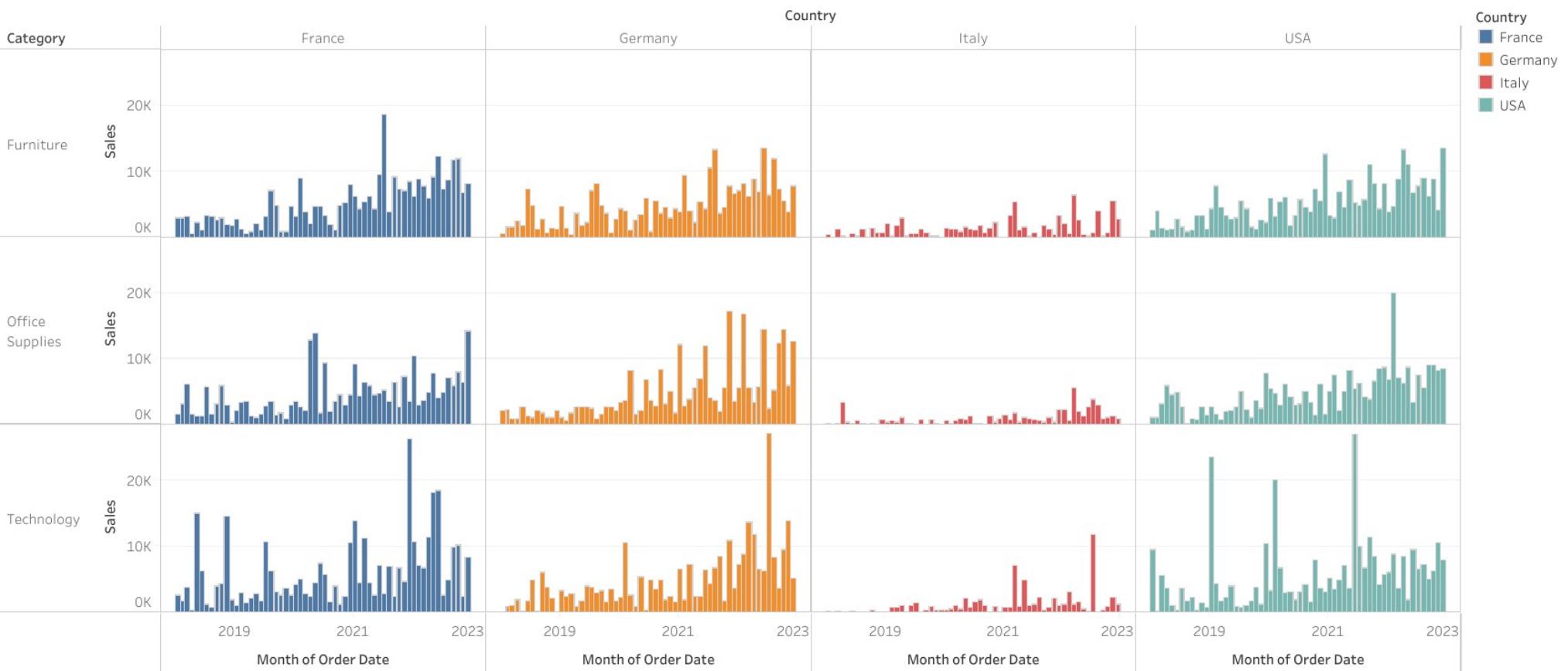
Bar Chart (Stacked-100%)

Use: Part-to-whole relationships



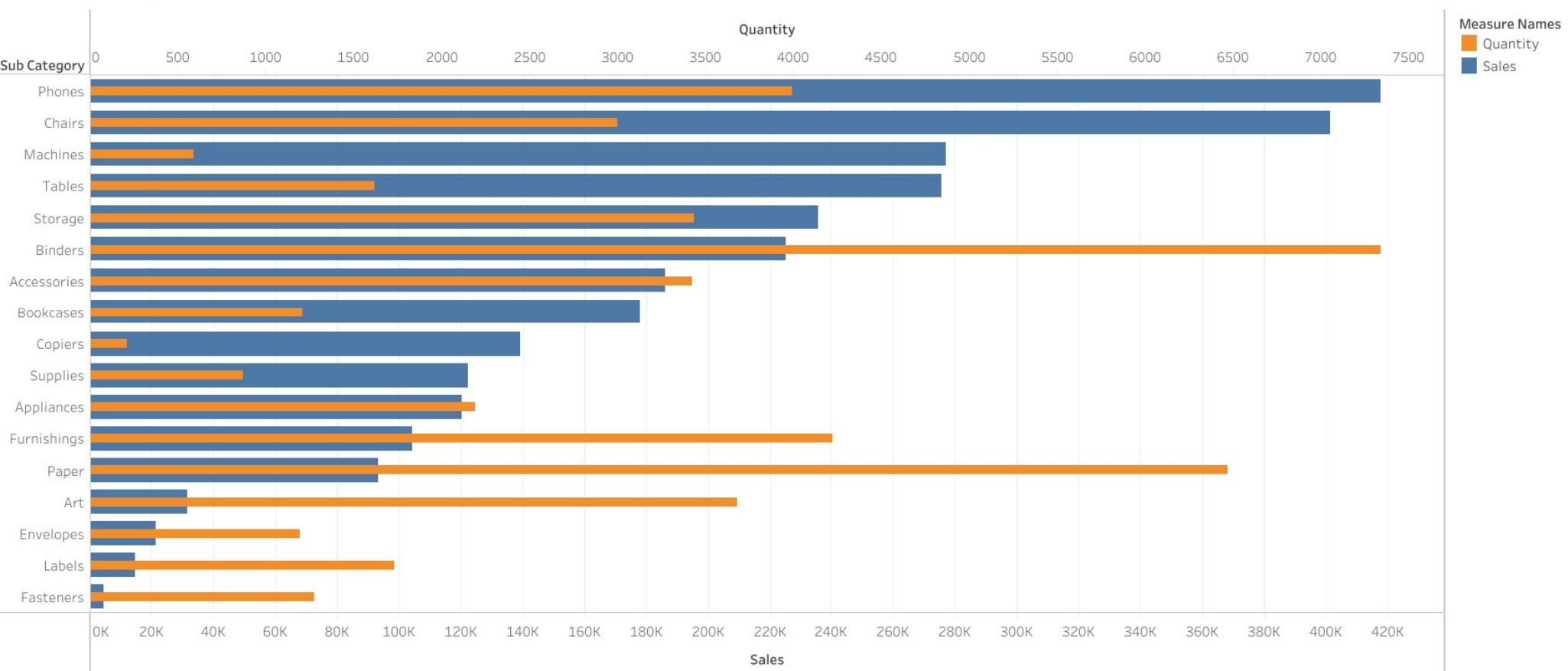
Bar Chart (Small-Multi)

Use: Part-to-whole relationships & Analyse change over time



Bar Chart (In-Bar)

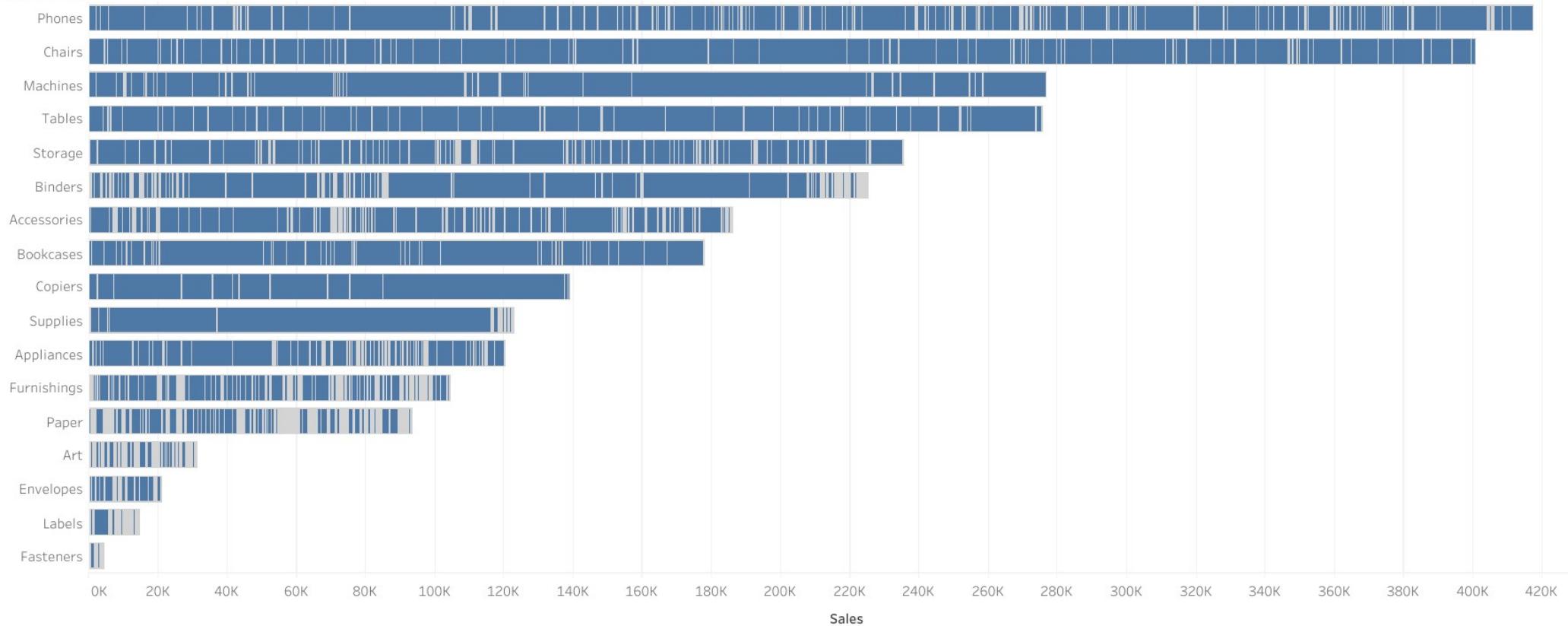
Use: Correlation, Compare two measures



Barcode Chart

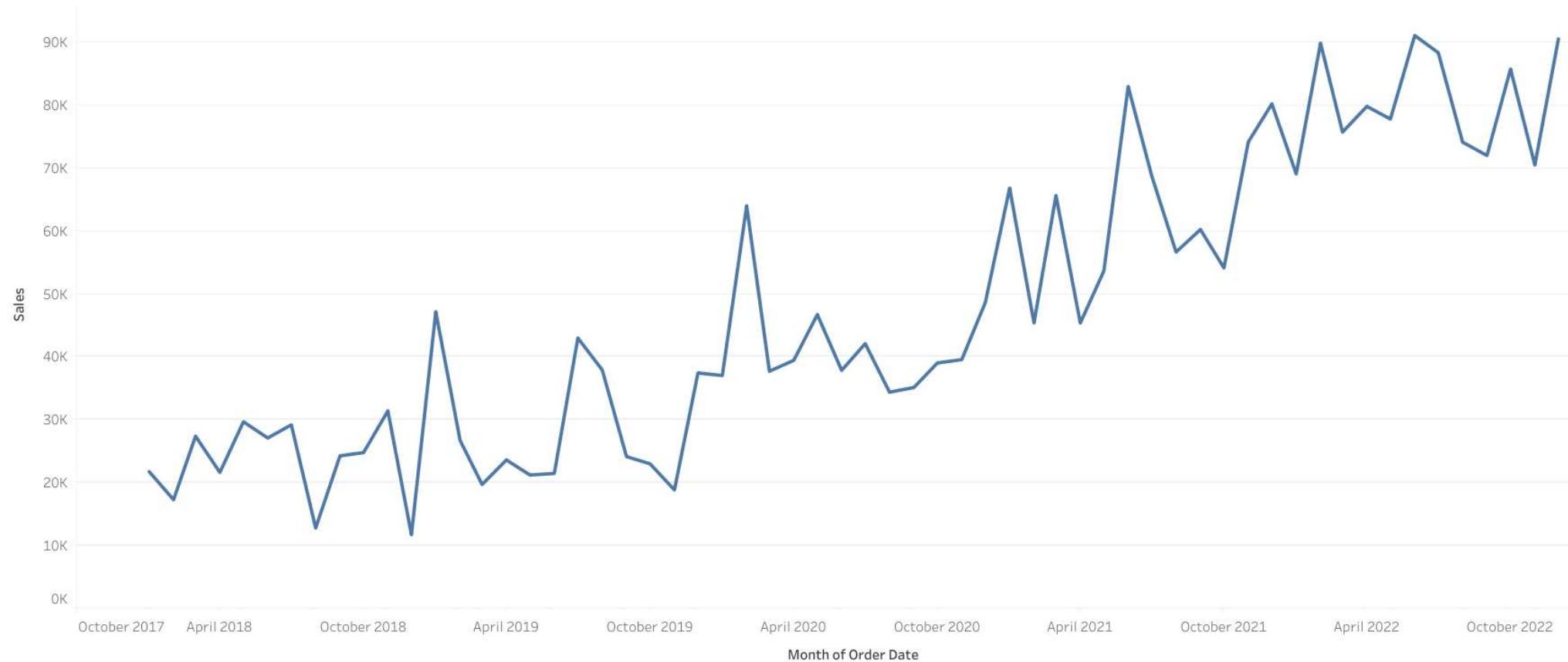
Use: Distribution, Compare the distribution of values of a high-cardinality dimension with another dimension.

Sub Category



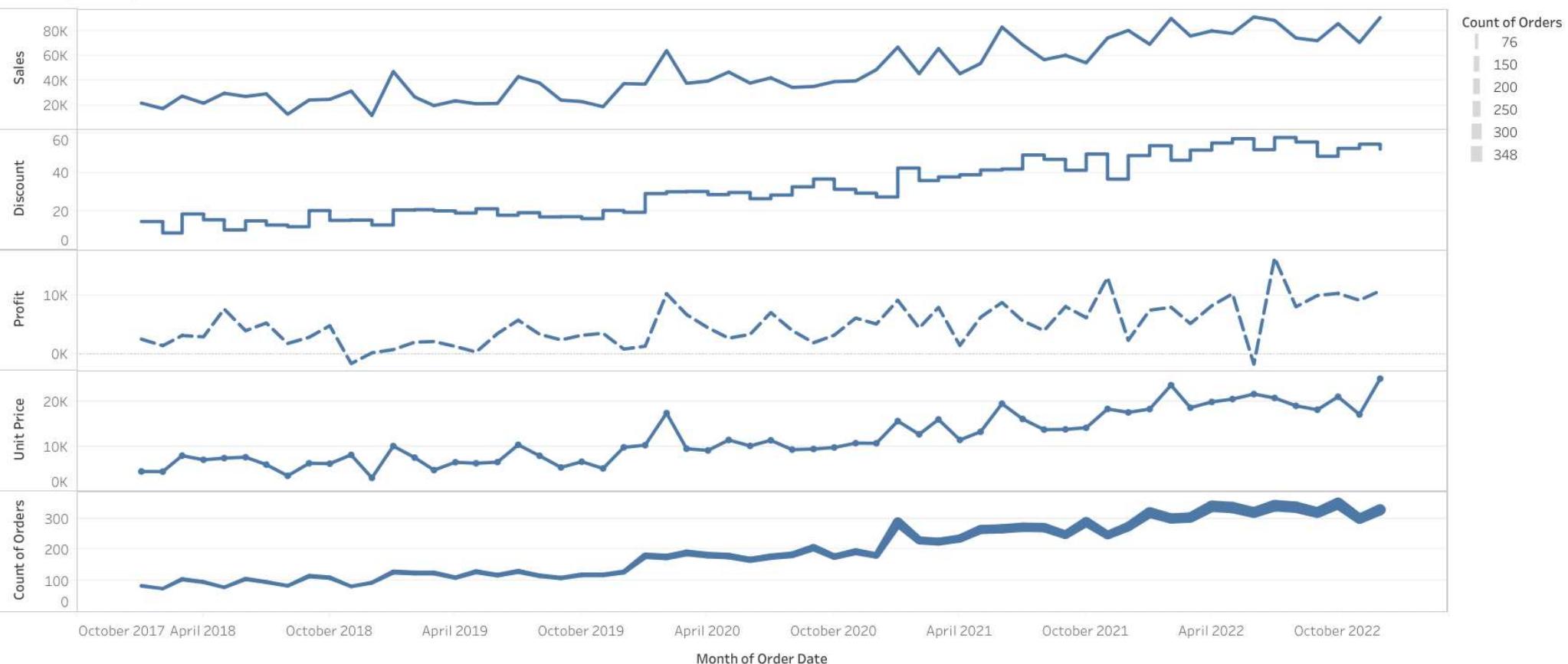
Line Chart

Use: Analyse changes over time, Trend



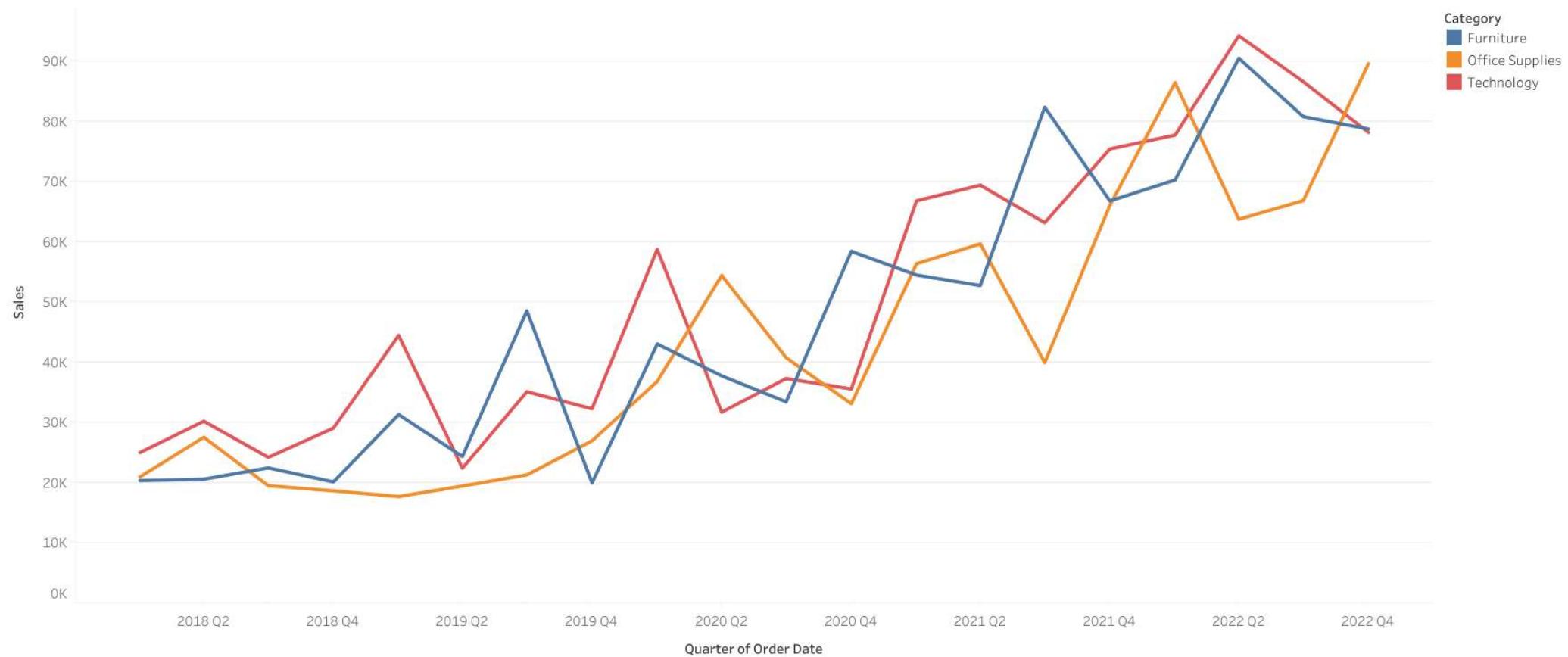
Line Chart (Customized)

Use: Analyse changes over time, Trend



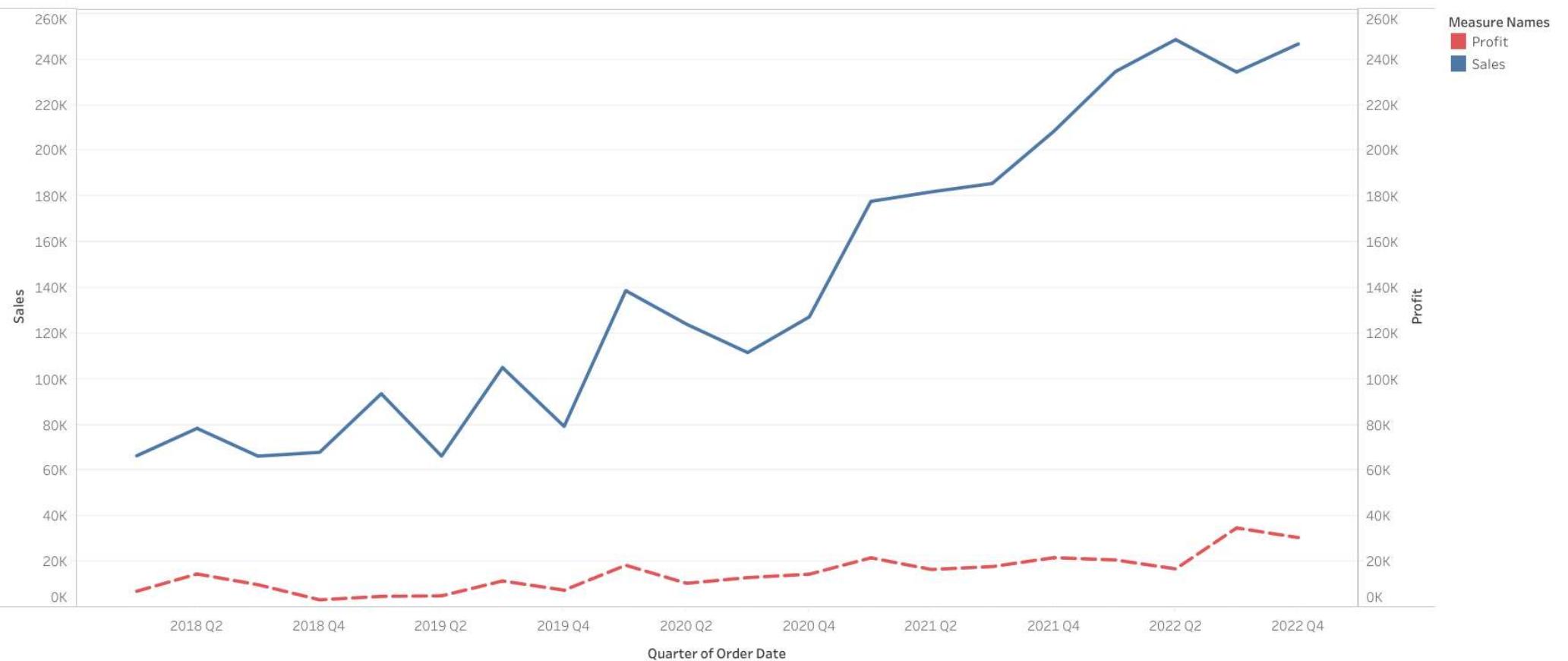
Line Chart (Multiple)

Use: Compare the members of dimension over time



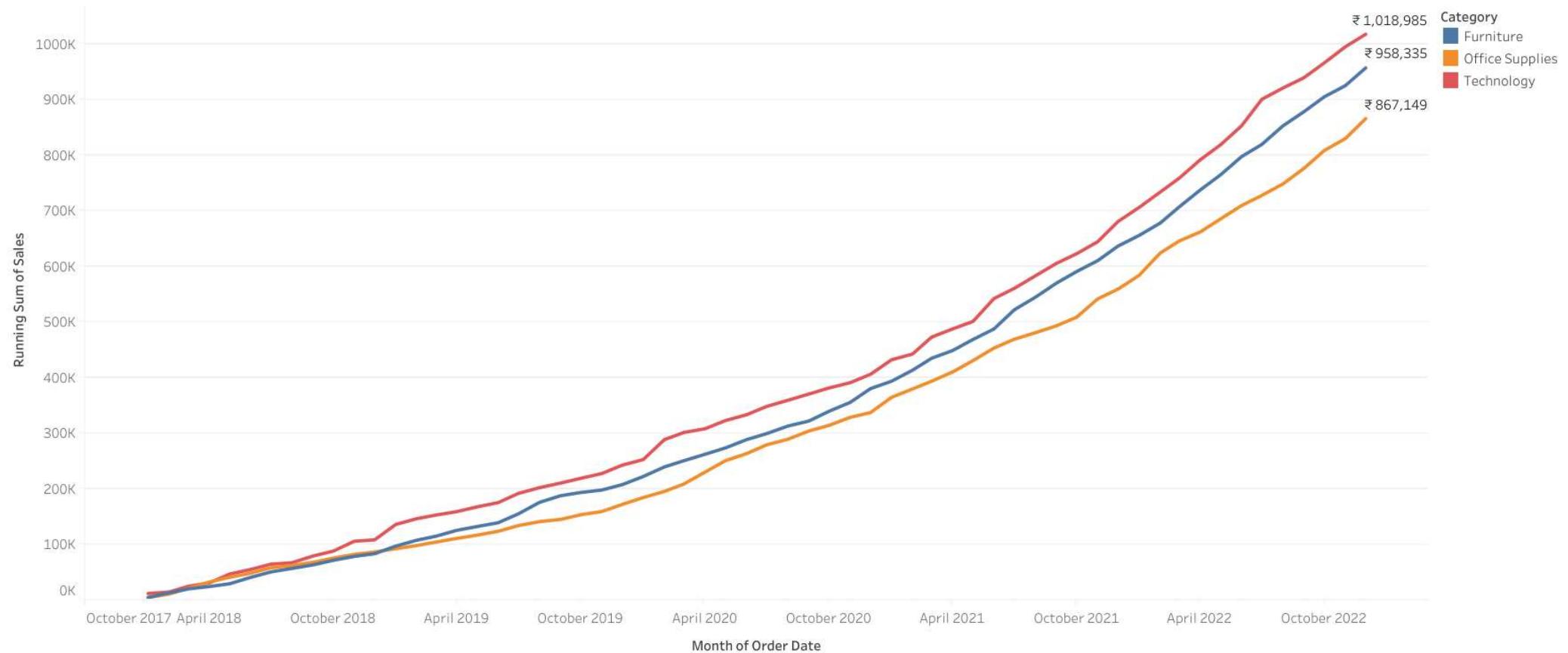
Line Chart (Dual)

Use: Compare measure values over time



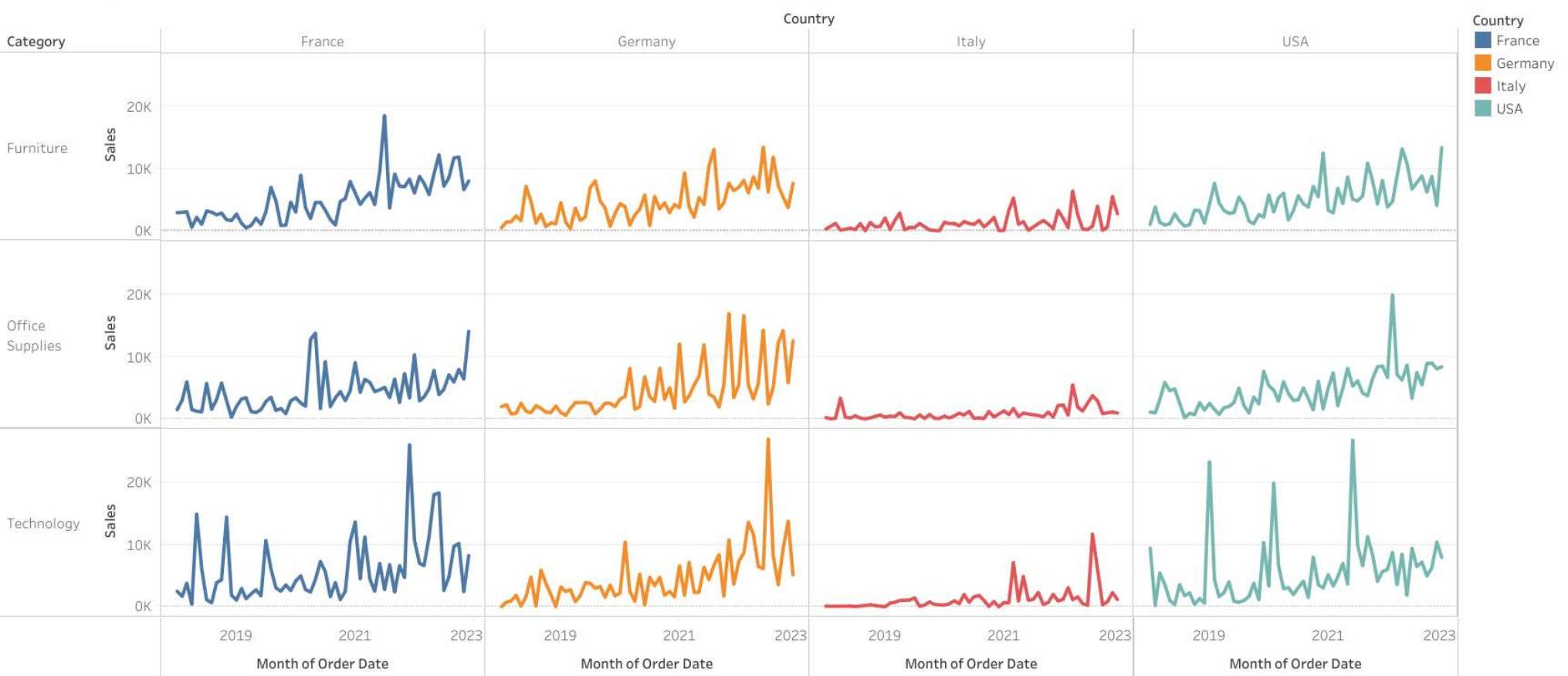
Line Chart (Cumulative)

Use: Show development & change in growth over time



Line Chart (Small-Multi)

Use: Trend analysis



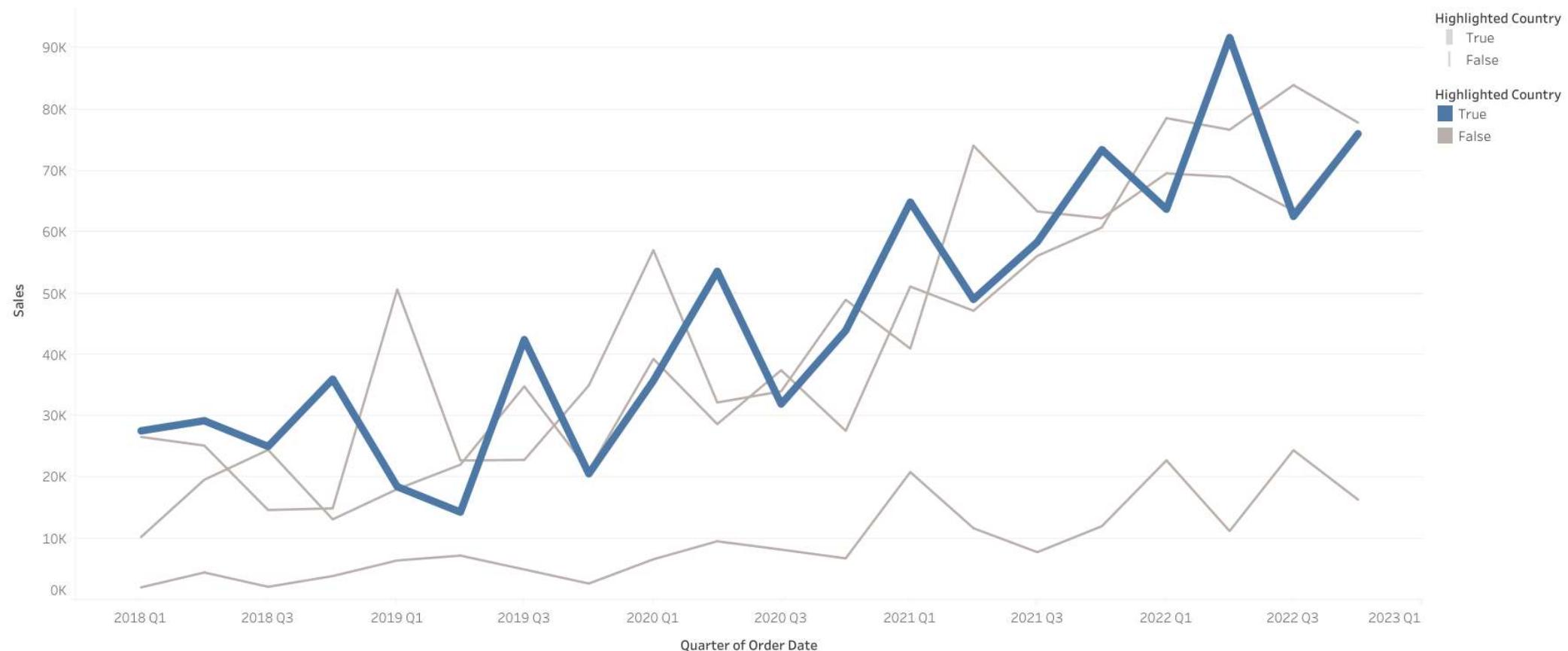
Line Chart (Highlighted)

Use: Analyse changes over time, Trend



Line Chart (Highlighted Using Parameter)

Use: Analyse changes over time, Trend



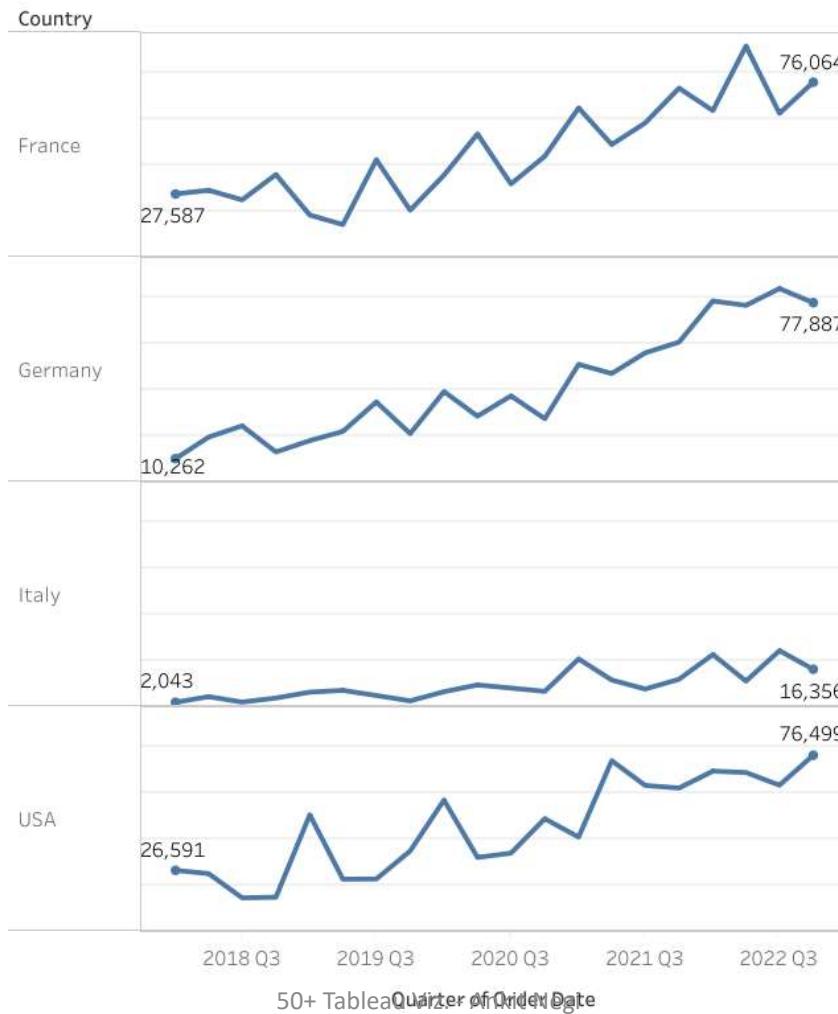
Bump Chart

Use: Ranking, how members move up or down in rankings



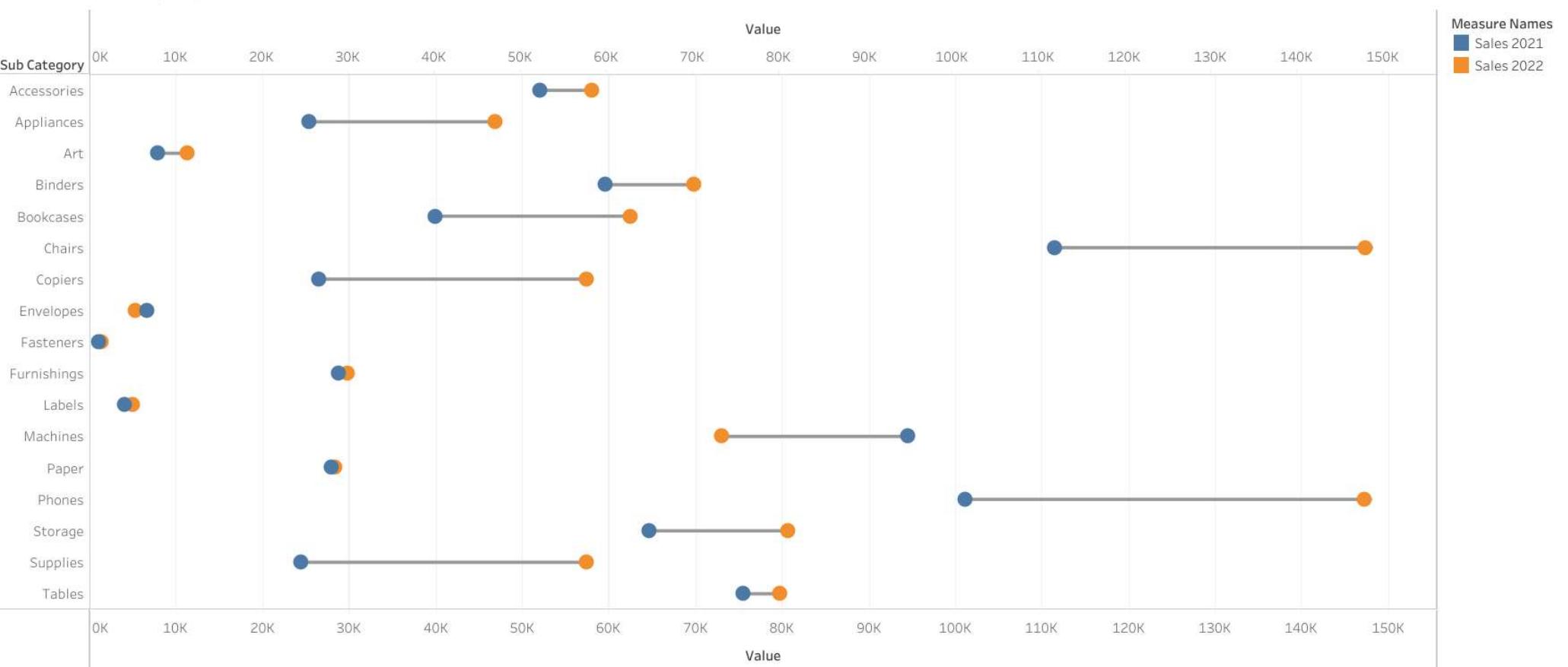
Sparkline Chart

Use: Analyze trends over time.



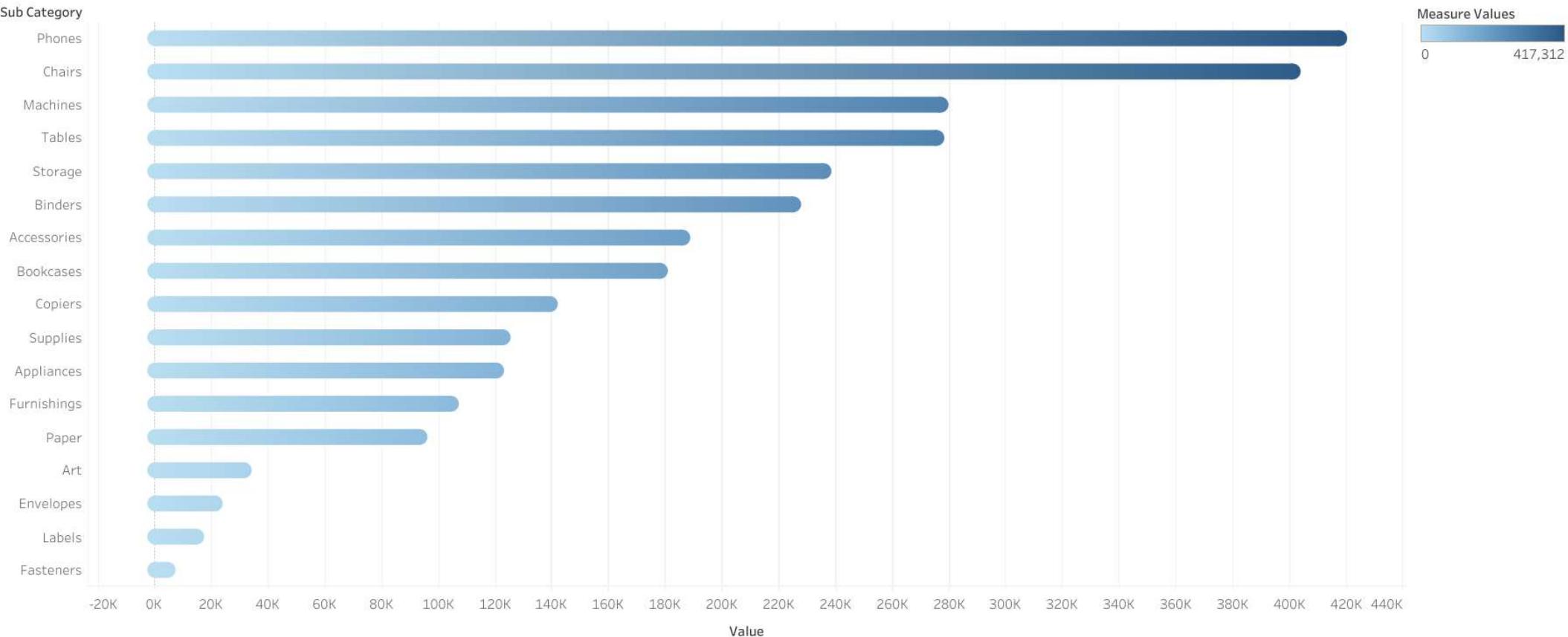
Barbell Chart

Use: Show the distance/range between two values



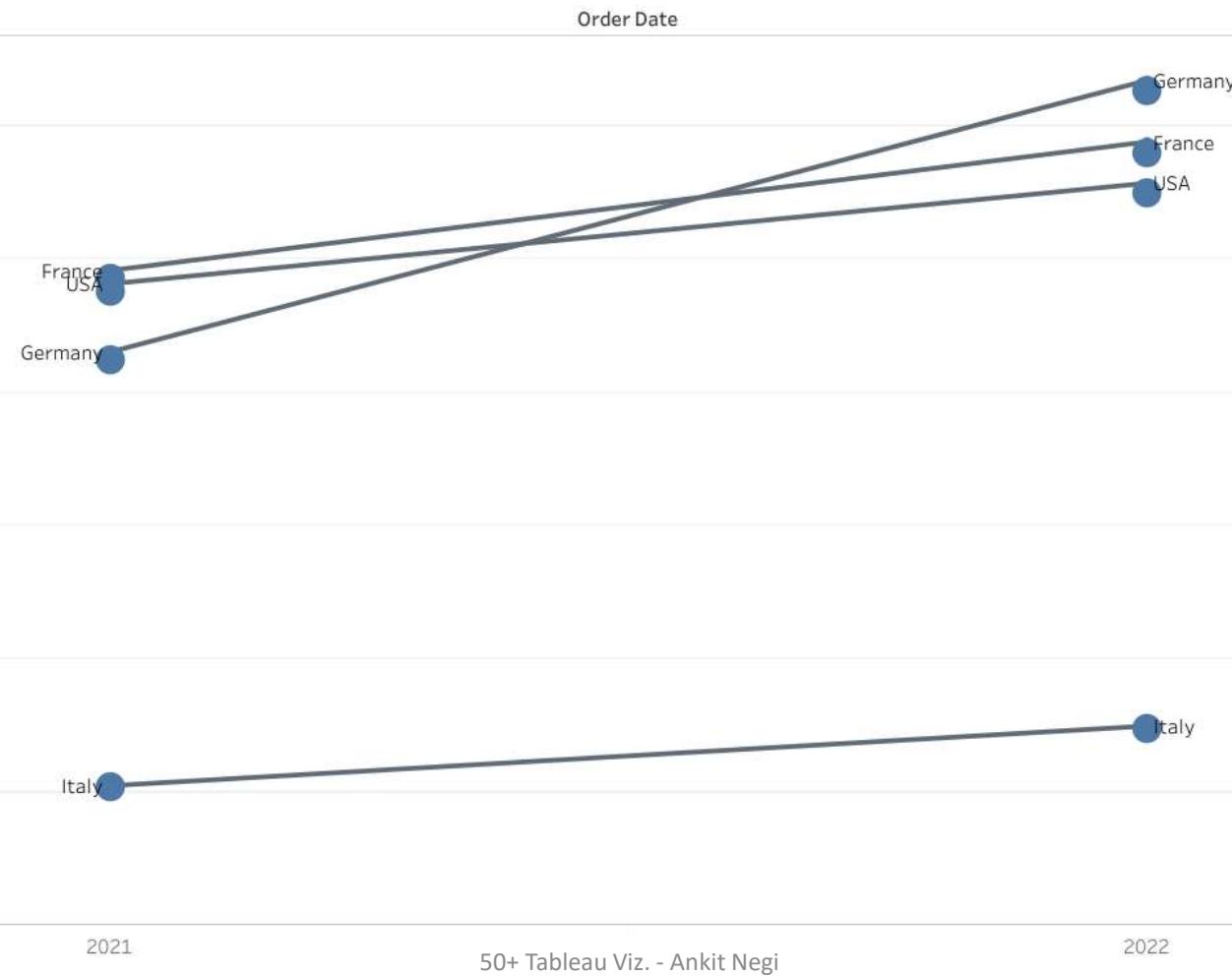
Bar Chart (Rounded)

Use: Show ranking of categories based on their values..



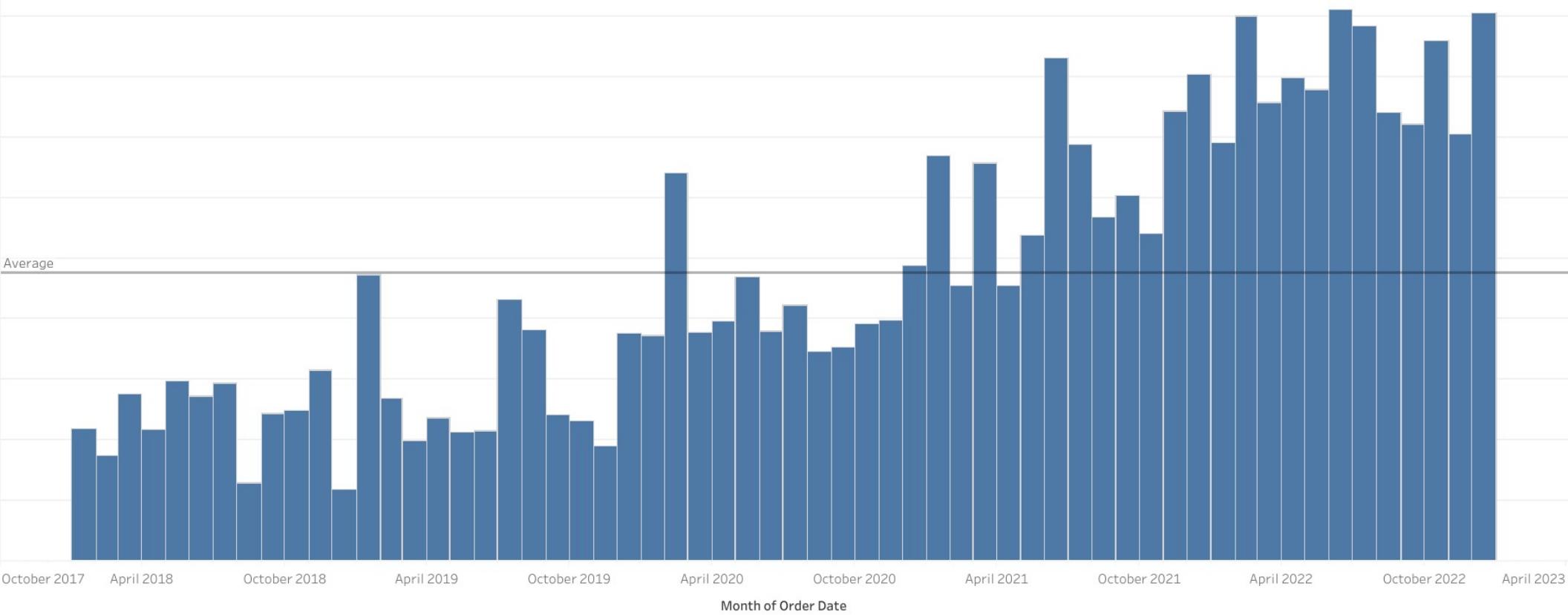
Slope Chart

Use: How ranking is changing over time



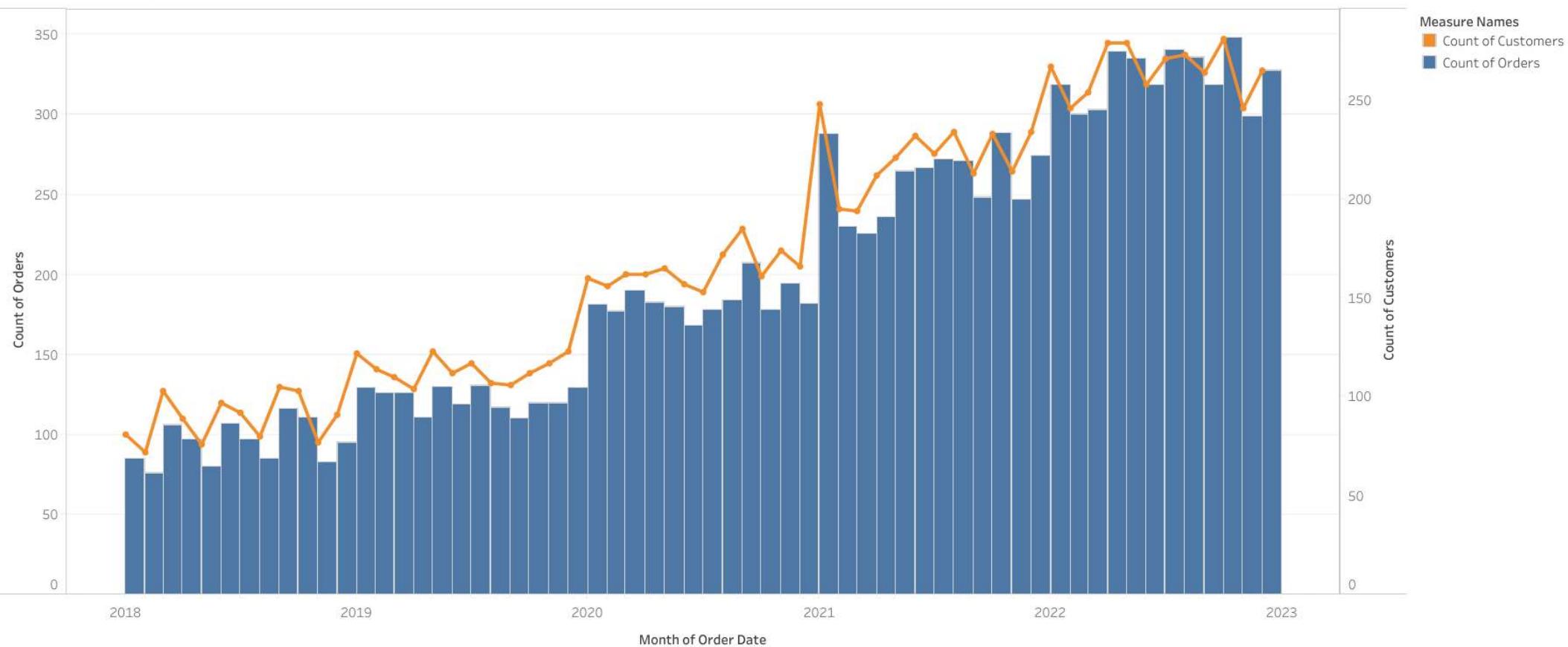
Bar & Ref Line Chart

Use: Comparison with average/particular values



Bar & Line Chart (Dual Chart)

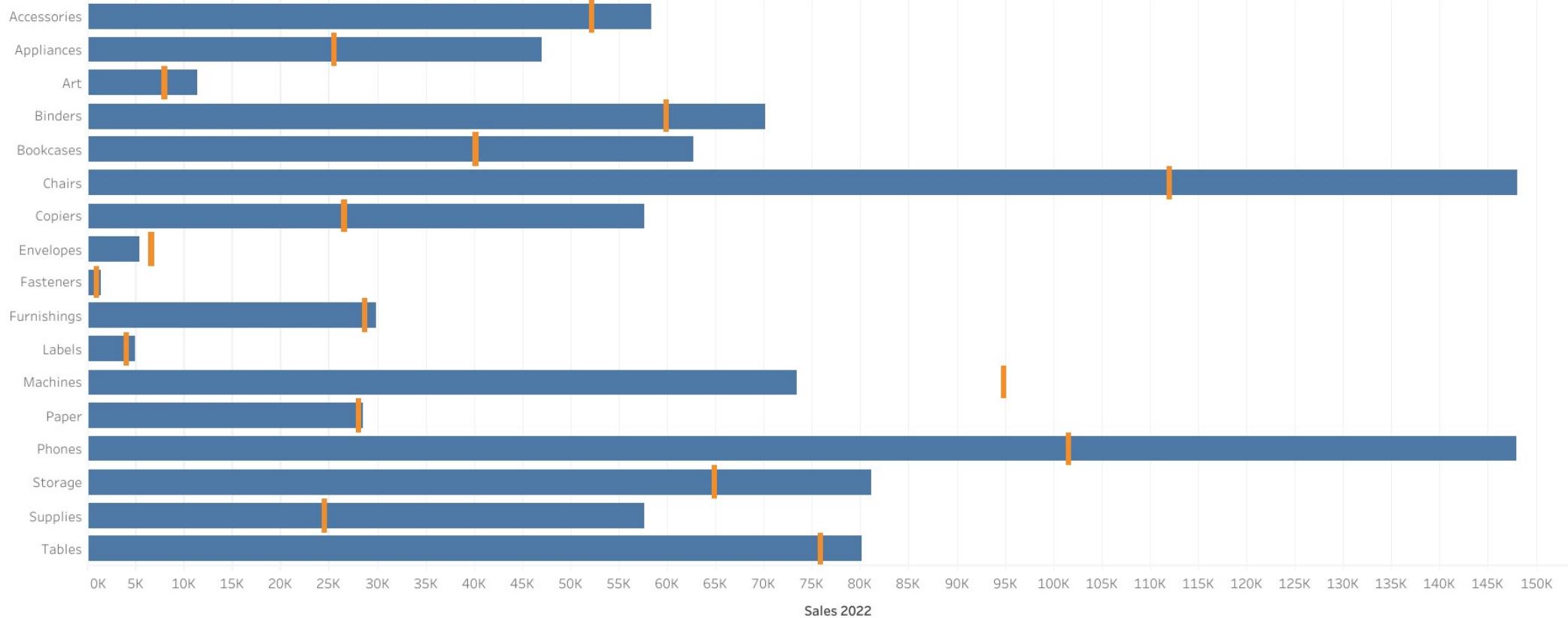
Use: Correlation, Compare two measures



Bullet Charts

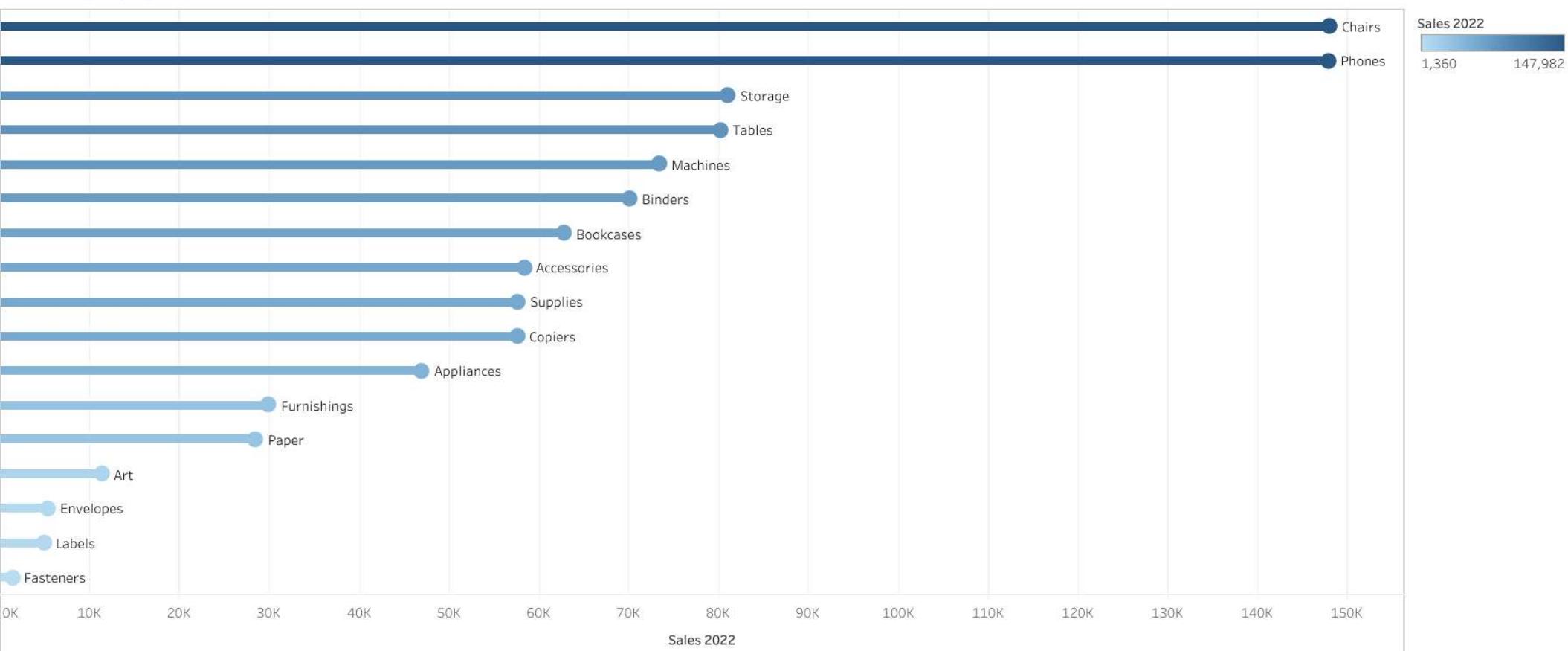
Use: Compare two measures, Previous Vs Current, Actual Vs Target

Sub Category



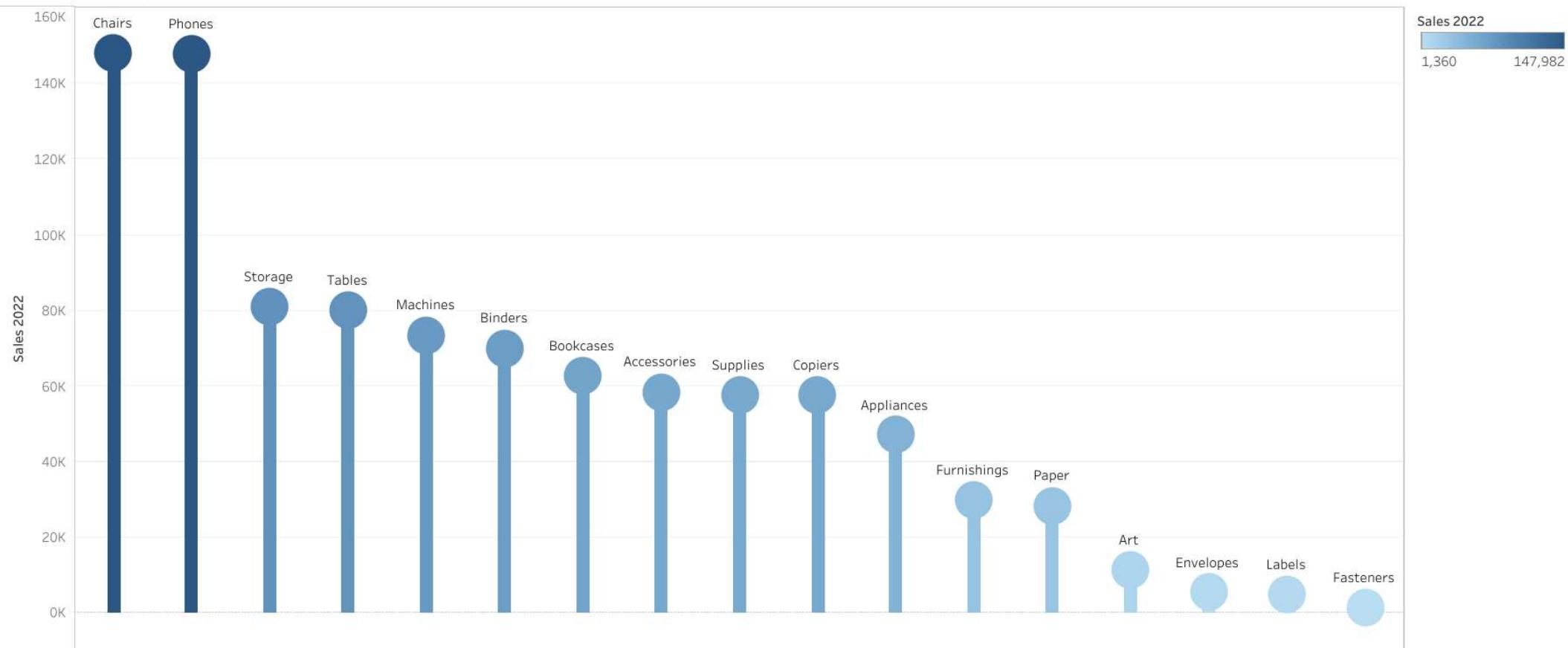
Lollipop Chart (H)

Use: Ranking & highlight important information in circles



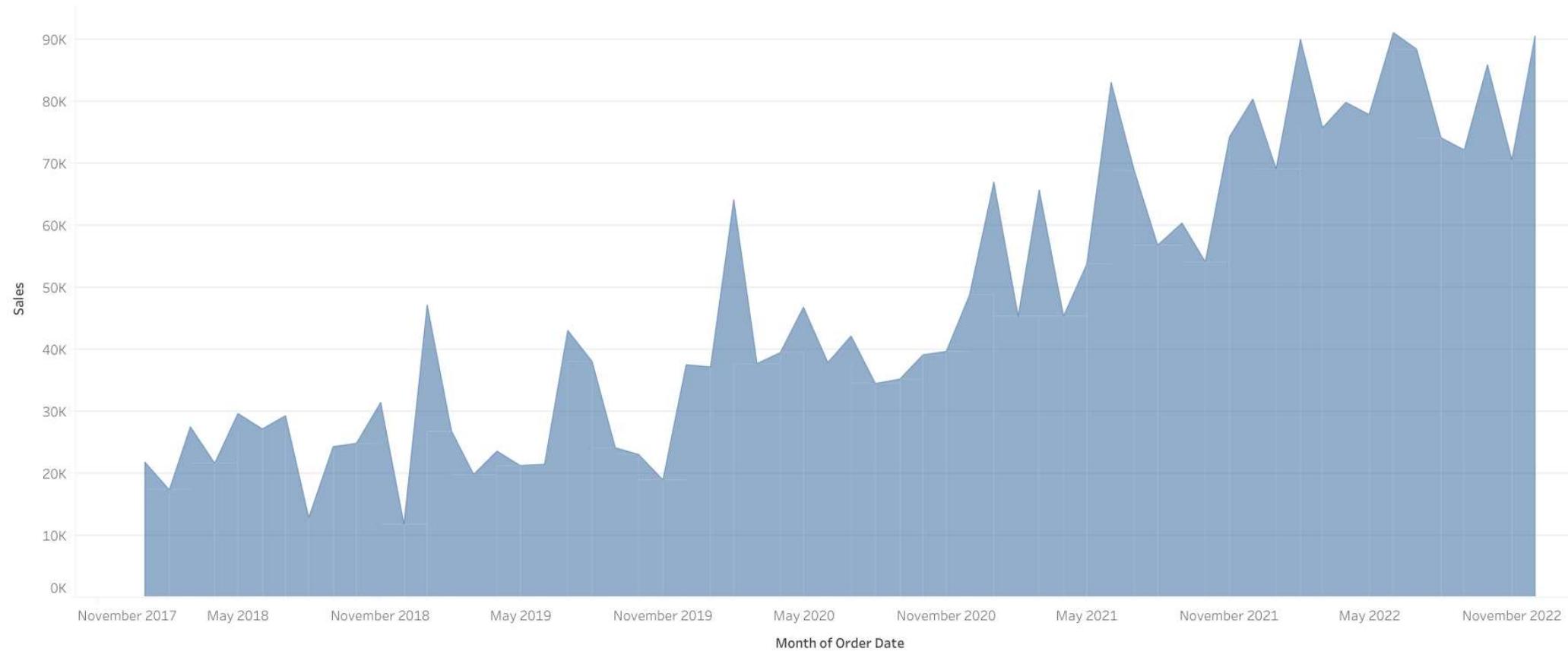
Lollipop Chart (V)

Use: Ranking & highlight important information in circles



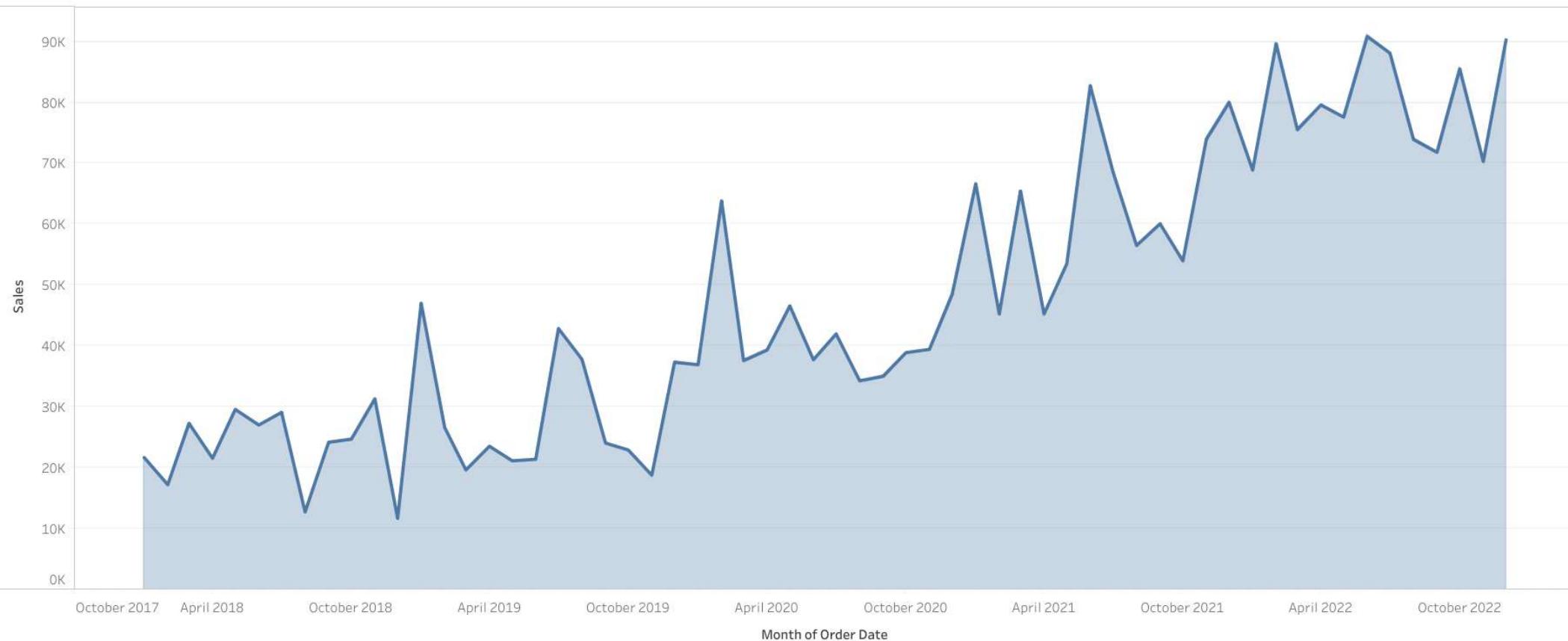
Area Chart

Use: Analyze Trend over time



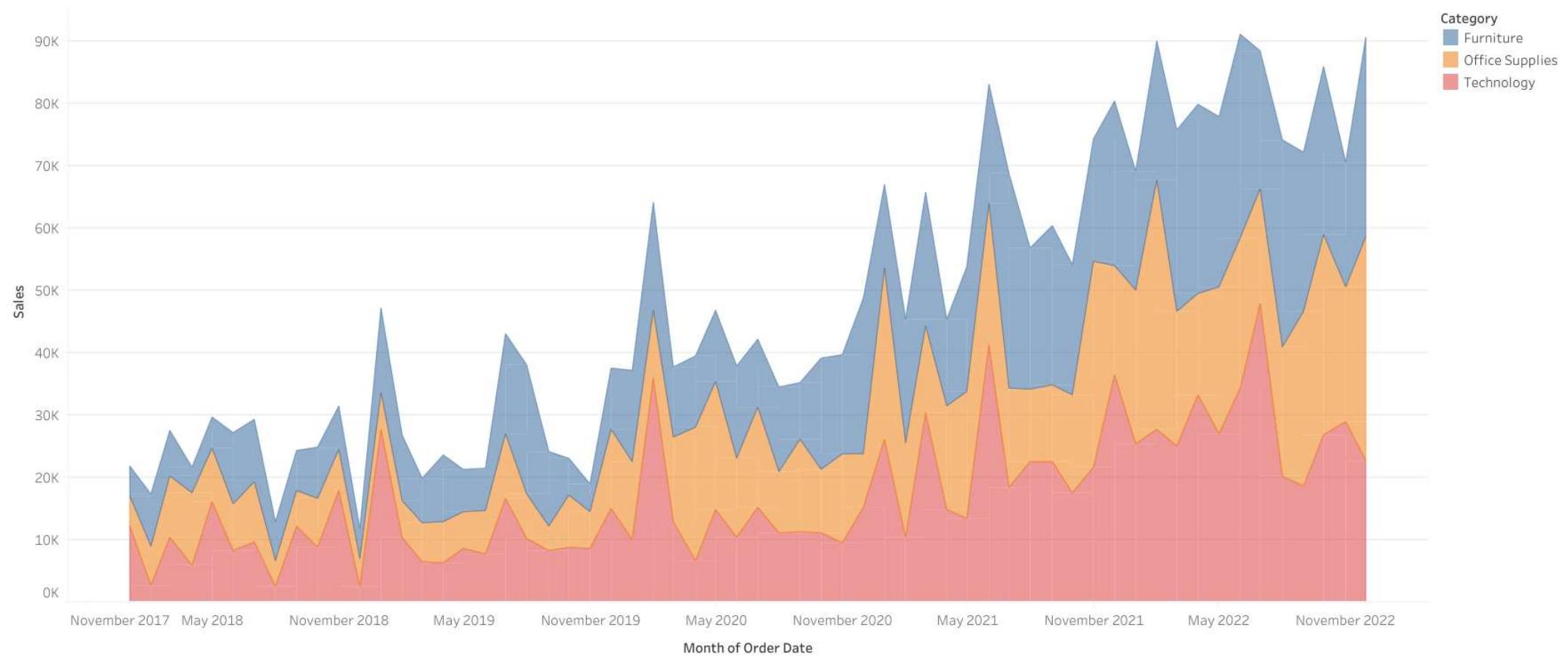
Area Chart (Line)

Use: Analyze Trend over time



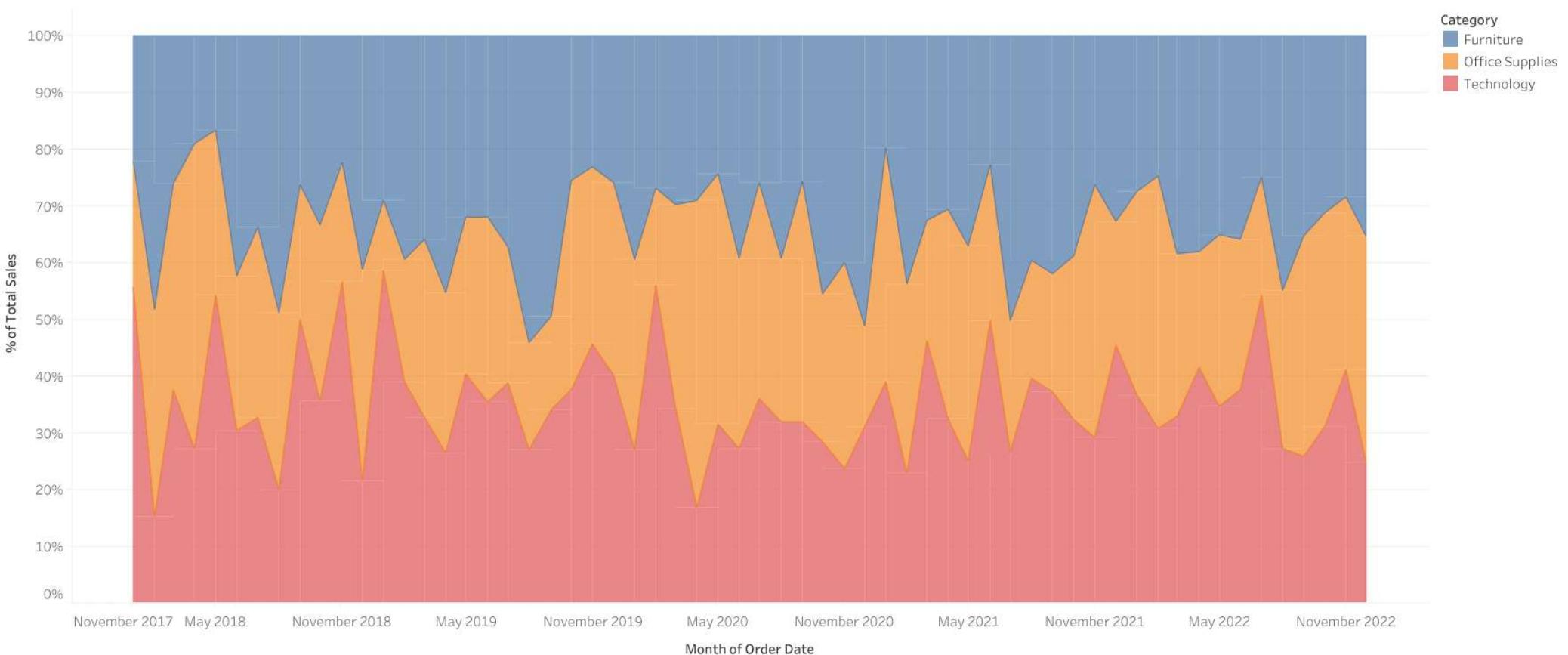
Area Chart (Stacked)

Use: Analyze change over time, part to whole relationships



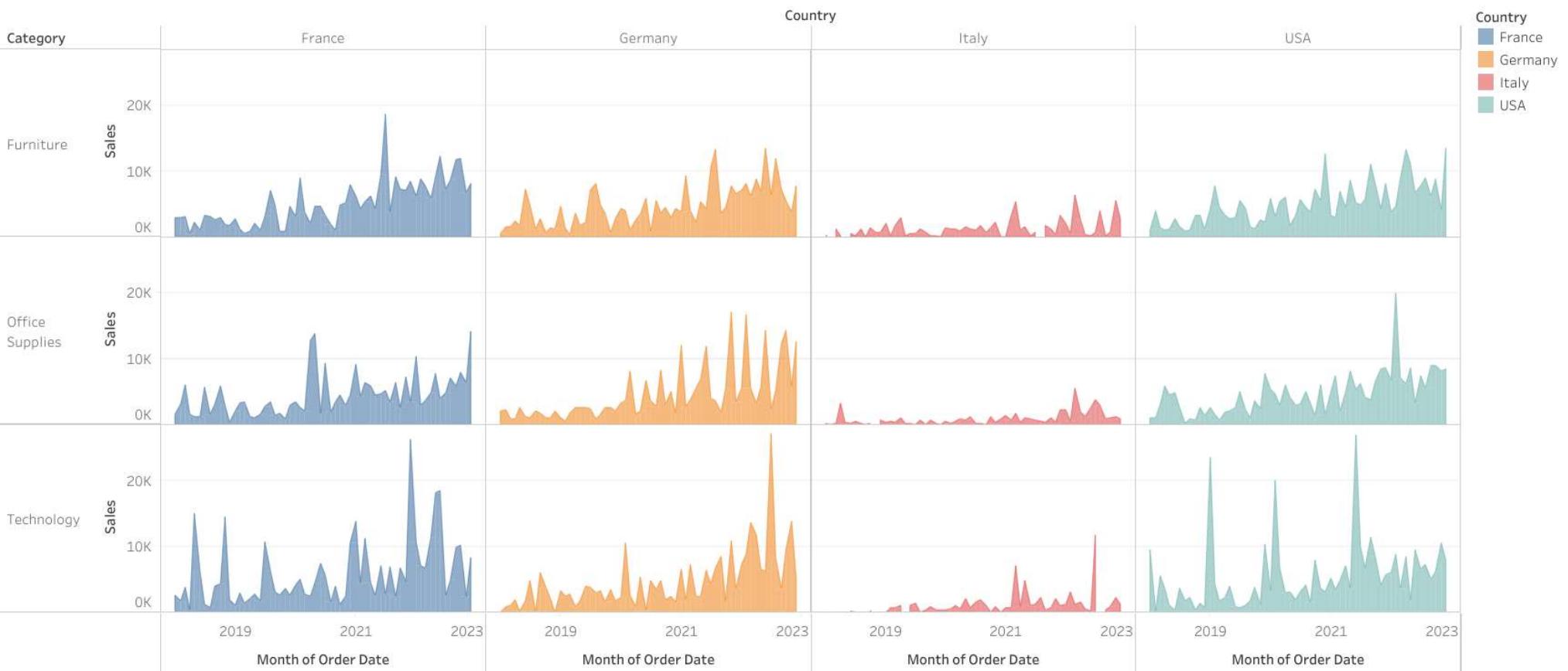
Area Chart (Stacked-100%)

Use: Part to whole relationships



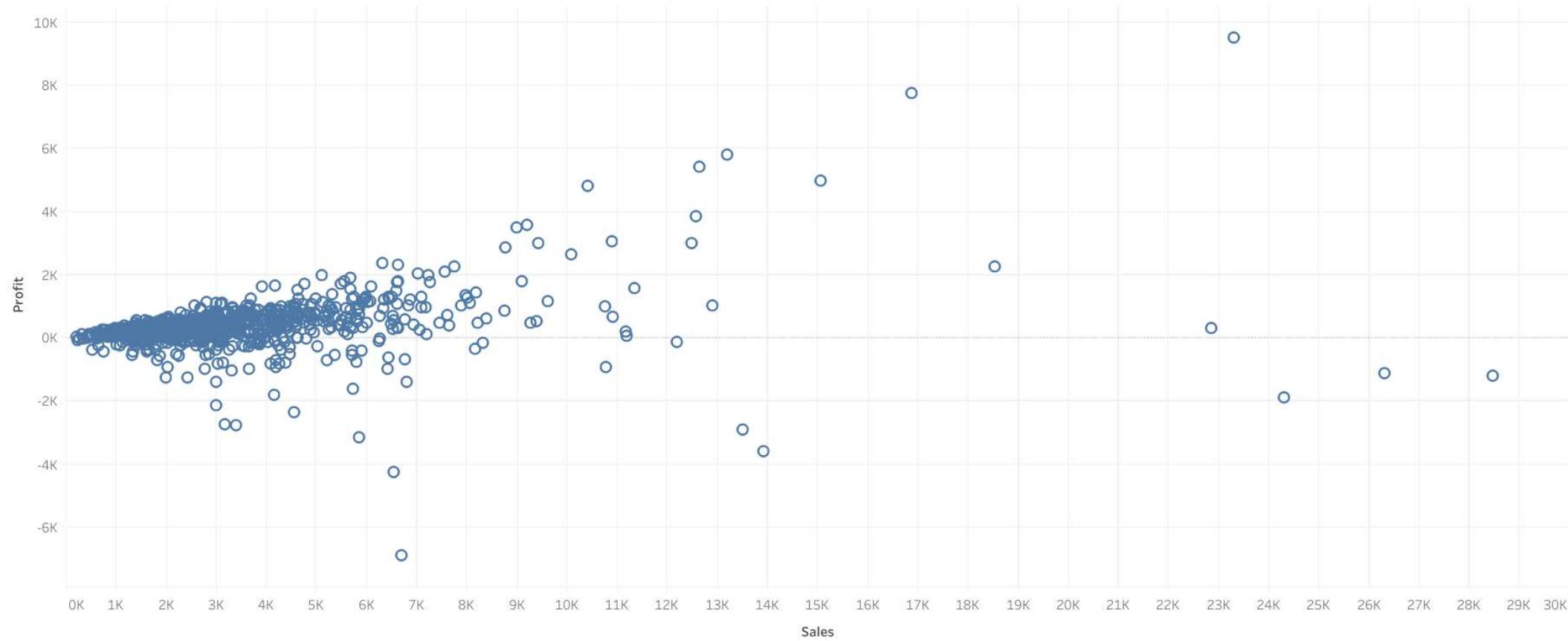
Area Chart (Small-Multi)

Use: Part to whole relationships



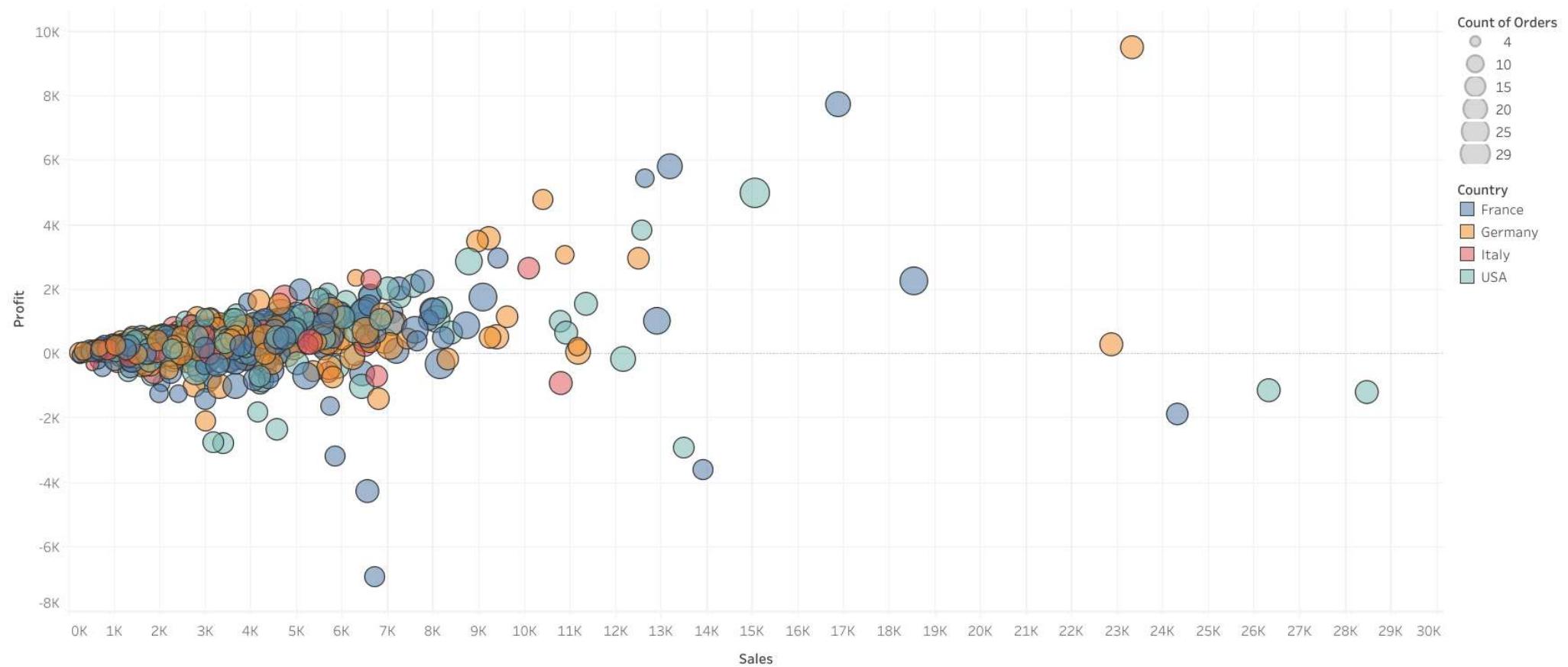
Scatter Plot

Use: Correlation, Compare two measures



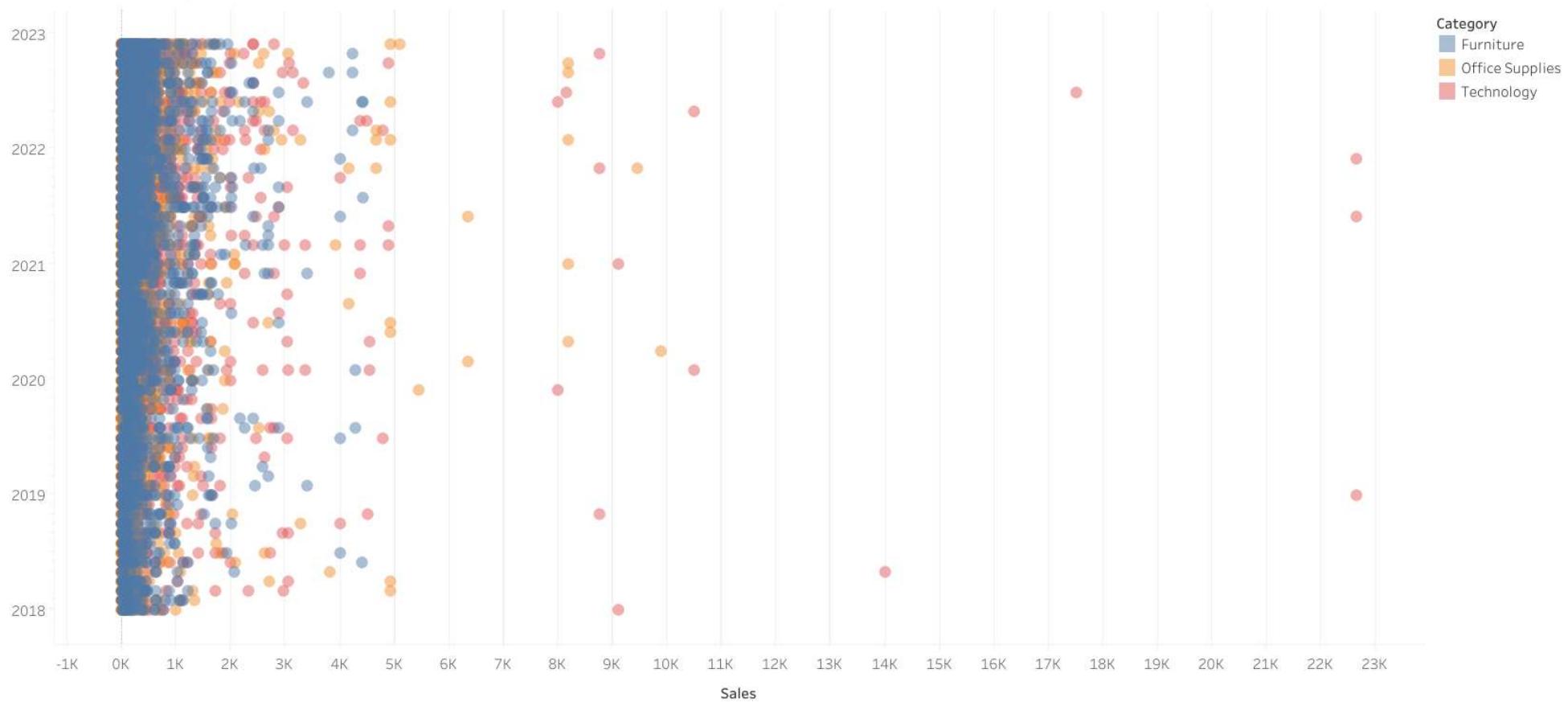
Scatter Plot (Customized)

Use: Correlation, Compare two measures



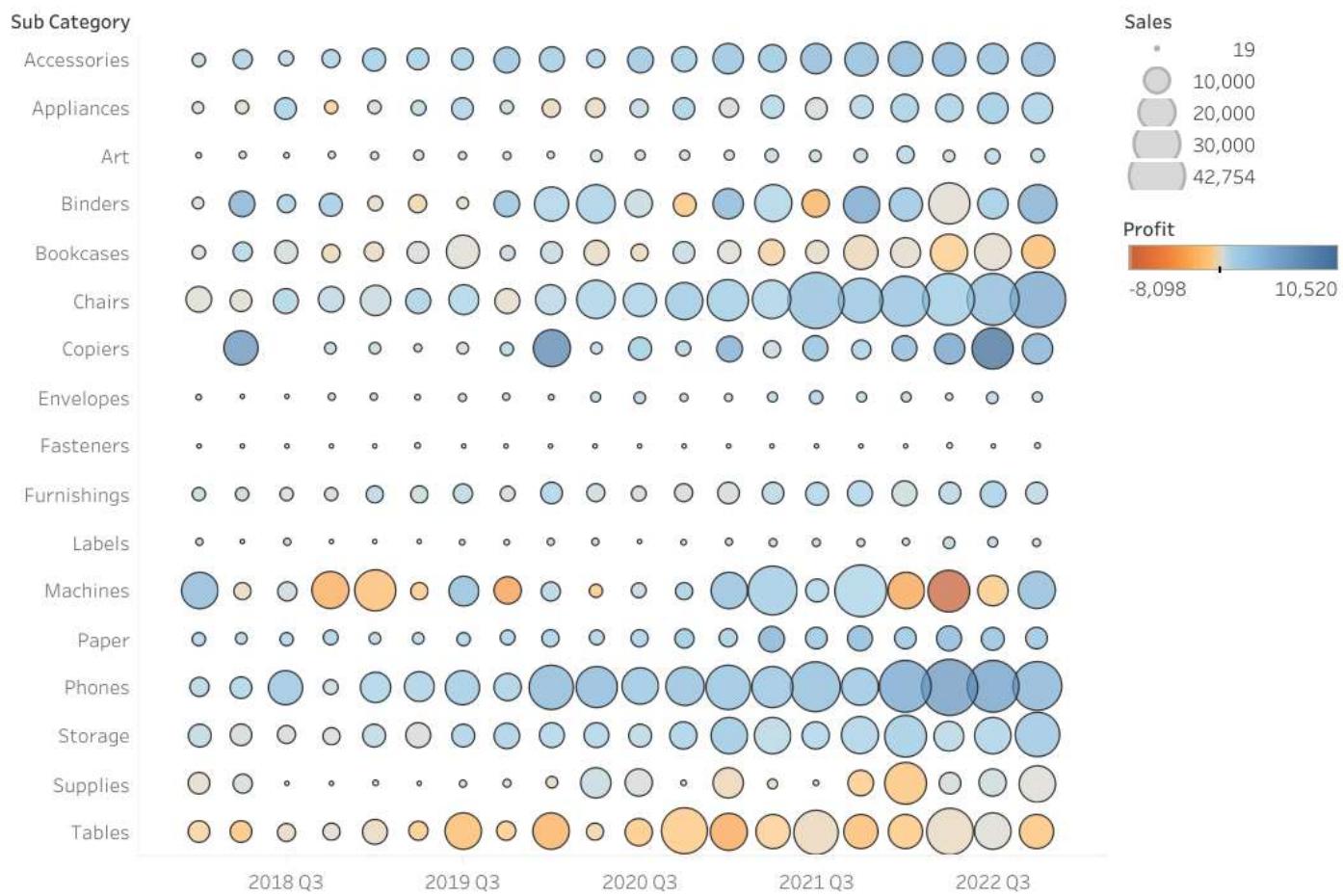
Dot Plot

Use: Distribution of data across a categories



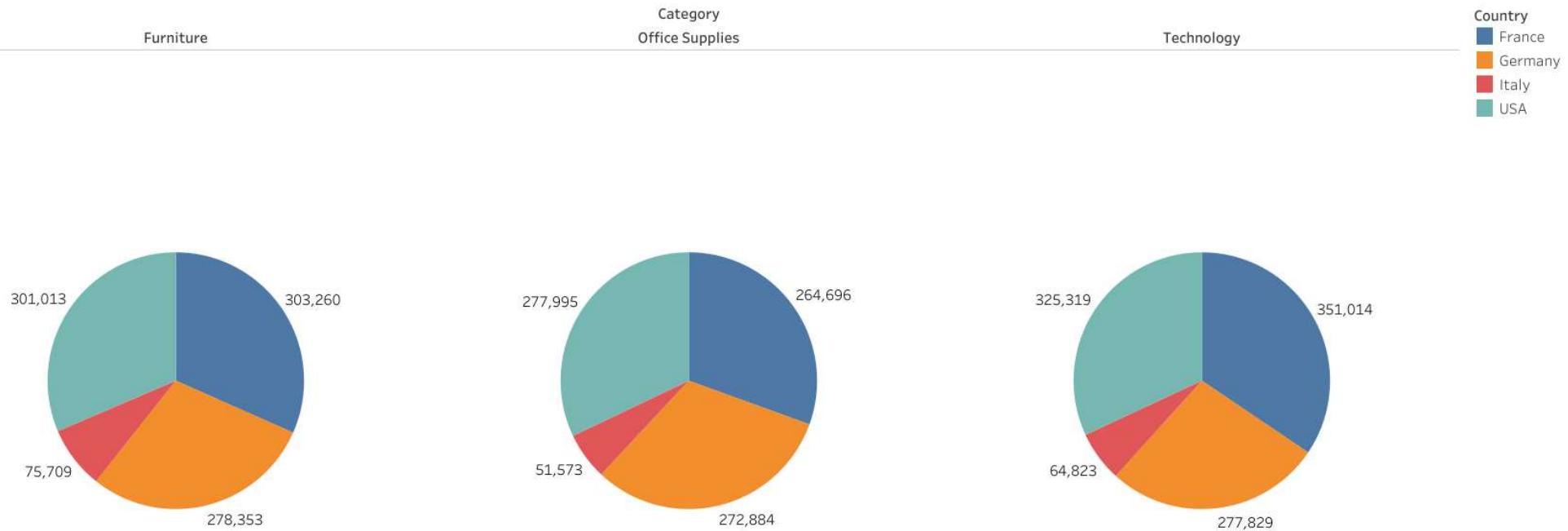
Circle Timeline

Use: Analyze trend over time, Correlation b/w two measures



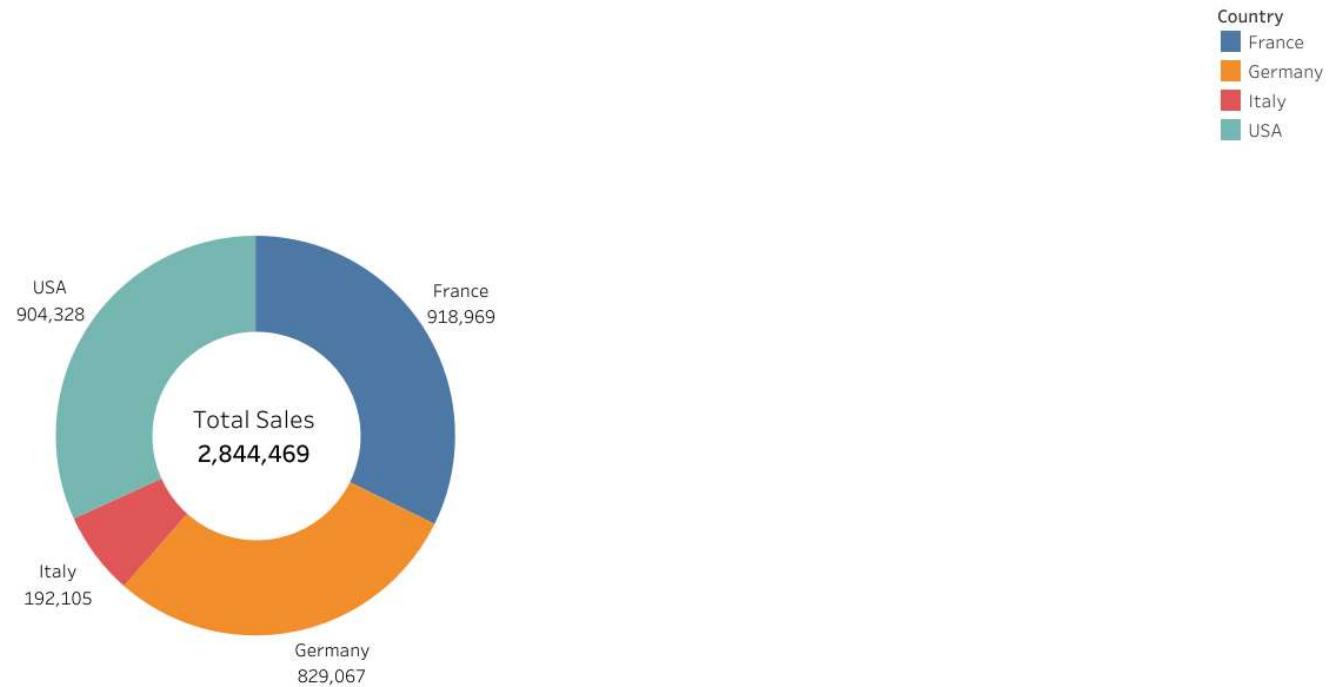
Pie Chart

Use: Part-to-whole relationship



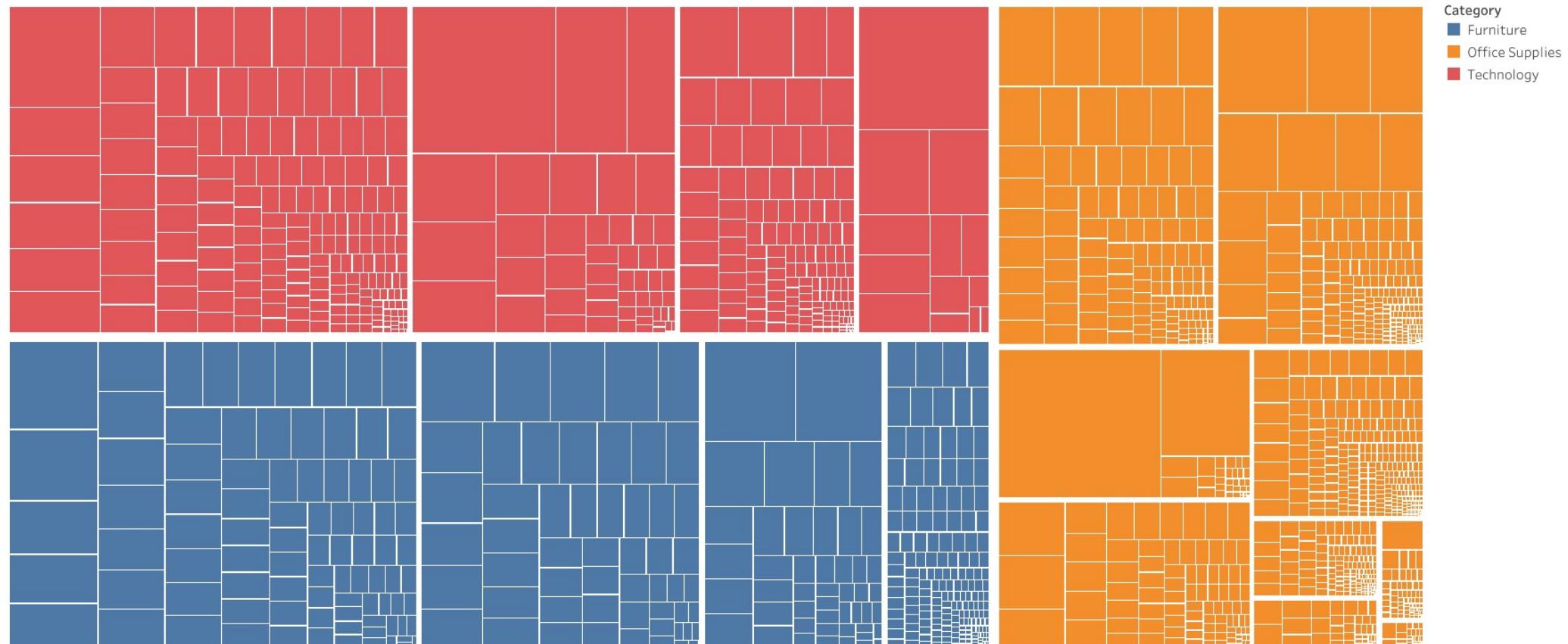
Donut Chart

Use: Part-to-whole relationship, show big numbers in centre



Tree Map

Use: Part-to-whole relationship, plot hierarchical data



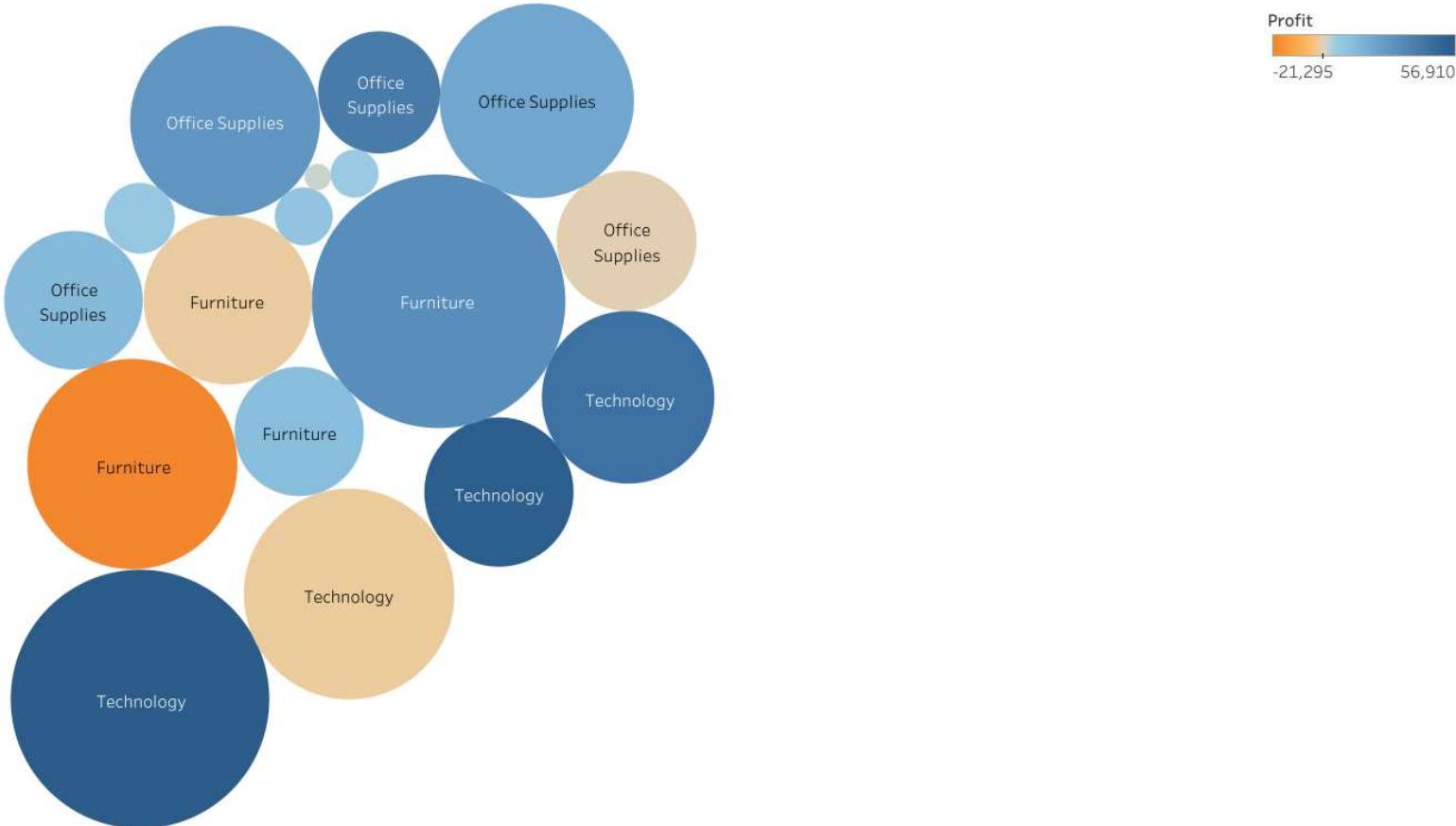
Heat Map

Use: B/w to categories, Correlation

Sub Catego..	France	Germany	Country	USA	Sales
Accessories	57,986	55,884	18,718	53,203	297
Appliances	44,706	32,502	5,115	37,834	132,441
Art	8,927	9,570	2,102	10,612	
Binders	73,153	61,652	13,772	76,272	
Bookcases	57,655	53,072	16,393	50,764	
Chairs	131,779	111,238	33,118	124,762	
Copiers	55,279	44,949	4,900	33,970	
Envelopes	7,073	6,138	1,607	6,181	
Fasteners	1,326	1,516	297	1,215	
Furnishings	29,932	34,635	6,860	32,784	
Labels	4,412	4,166	1,263	4,602	
Machines	105,344	49,016	16,717	105,706	
Paper	27,589	26,371	7,165	32,020	
Phones	132,404	127,980	24,487	132,441	
Storage	71,422	61,806	15,006	87,296	
Supplies	26,089	69,165	5,247	21,961	
Tables	83,893	79,408	19,338	92,703	

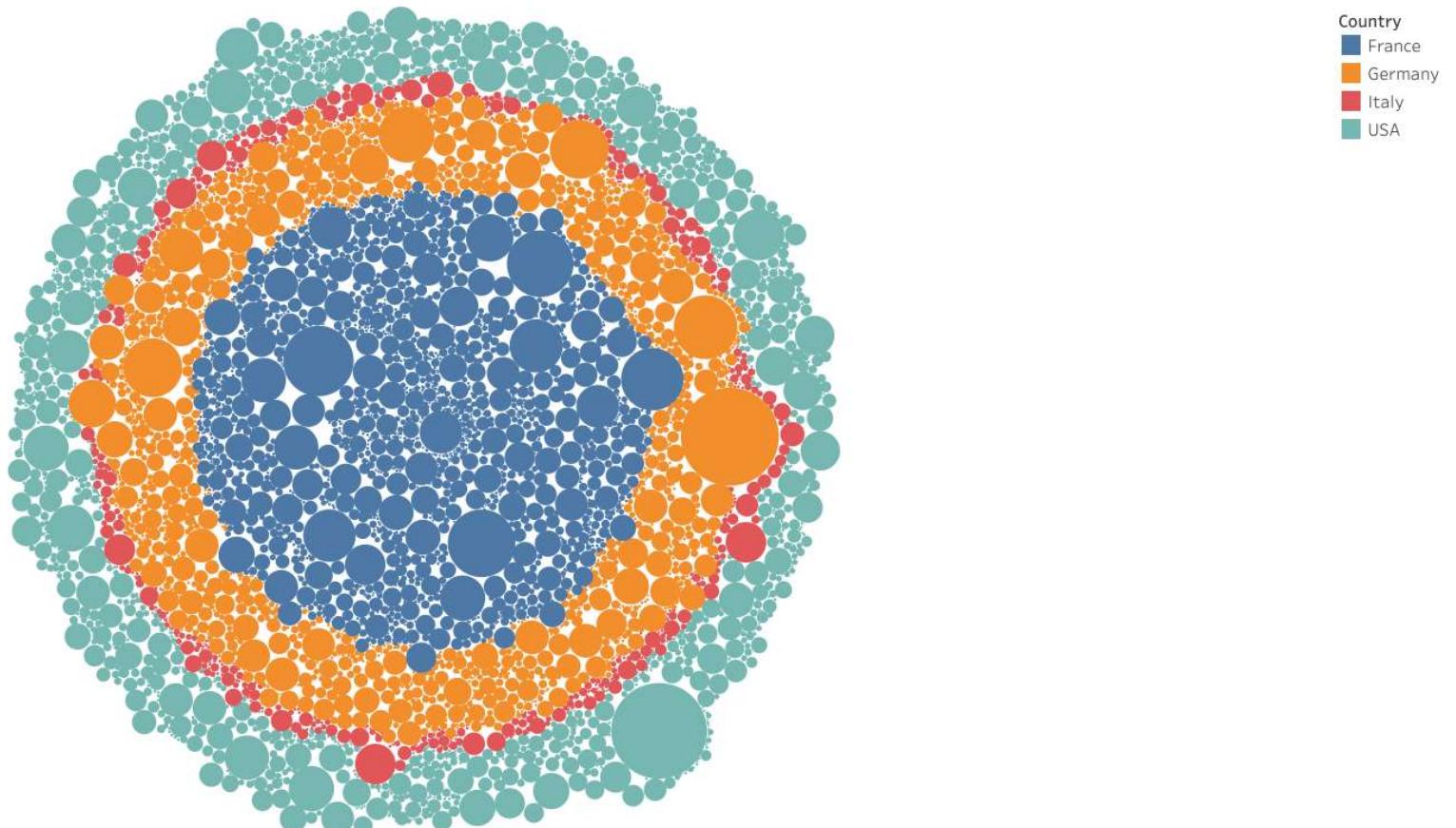
Bubble Chart

Use: Showing high-level comparisons b/w members of a field



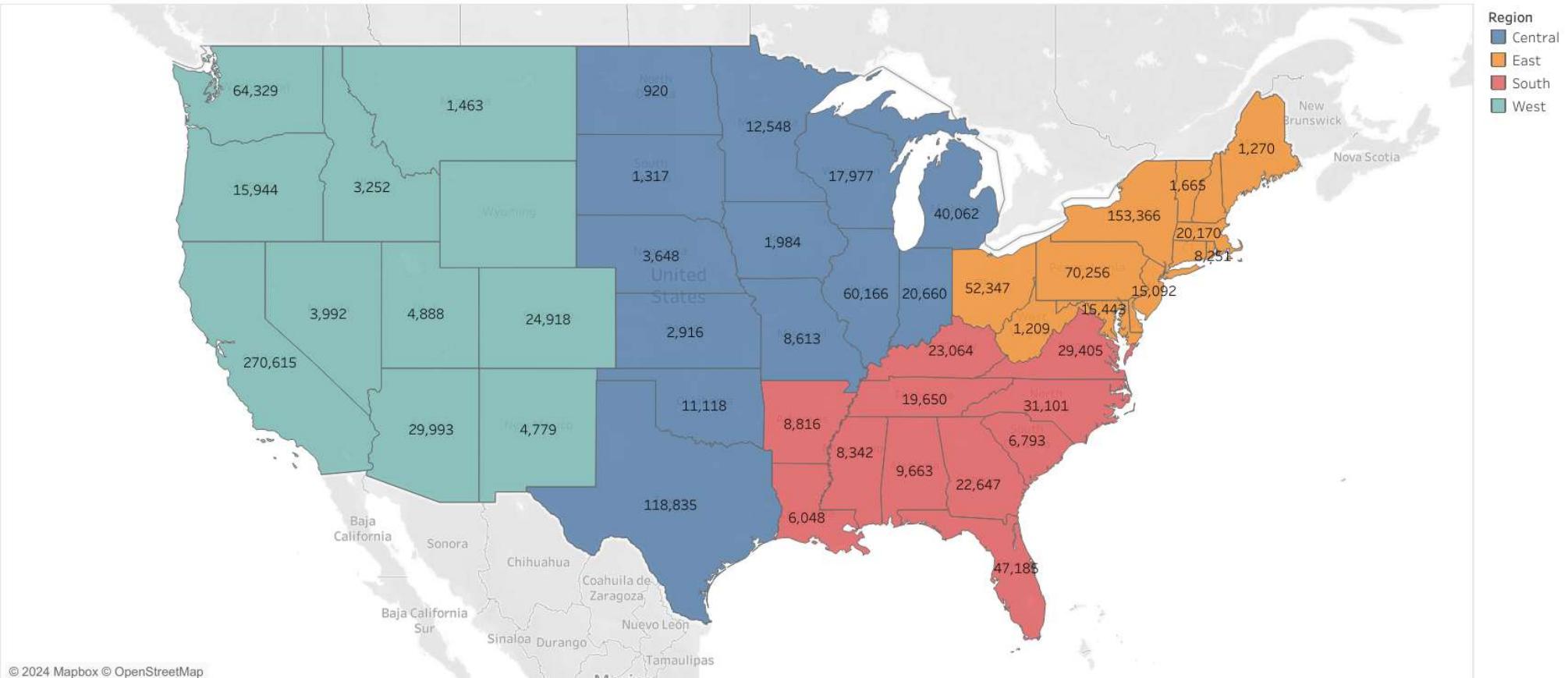
Bubble Chart (Stacked)

Use: Showing high-level comparisions b/w members of a field



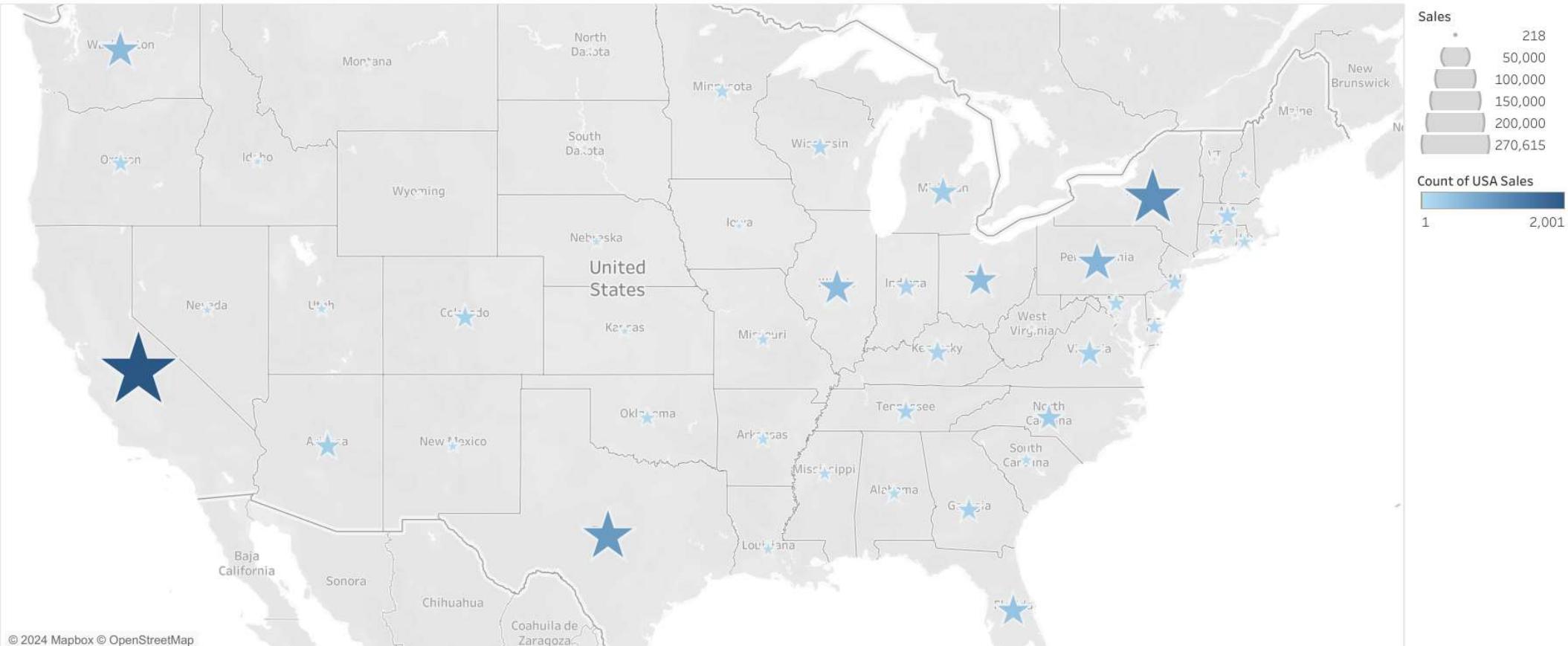
Maps

Use: Tracking geographic data evolution



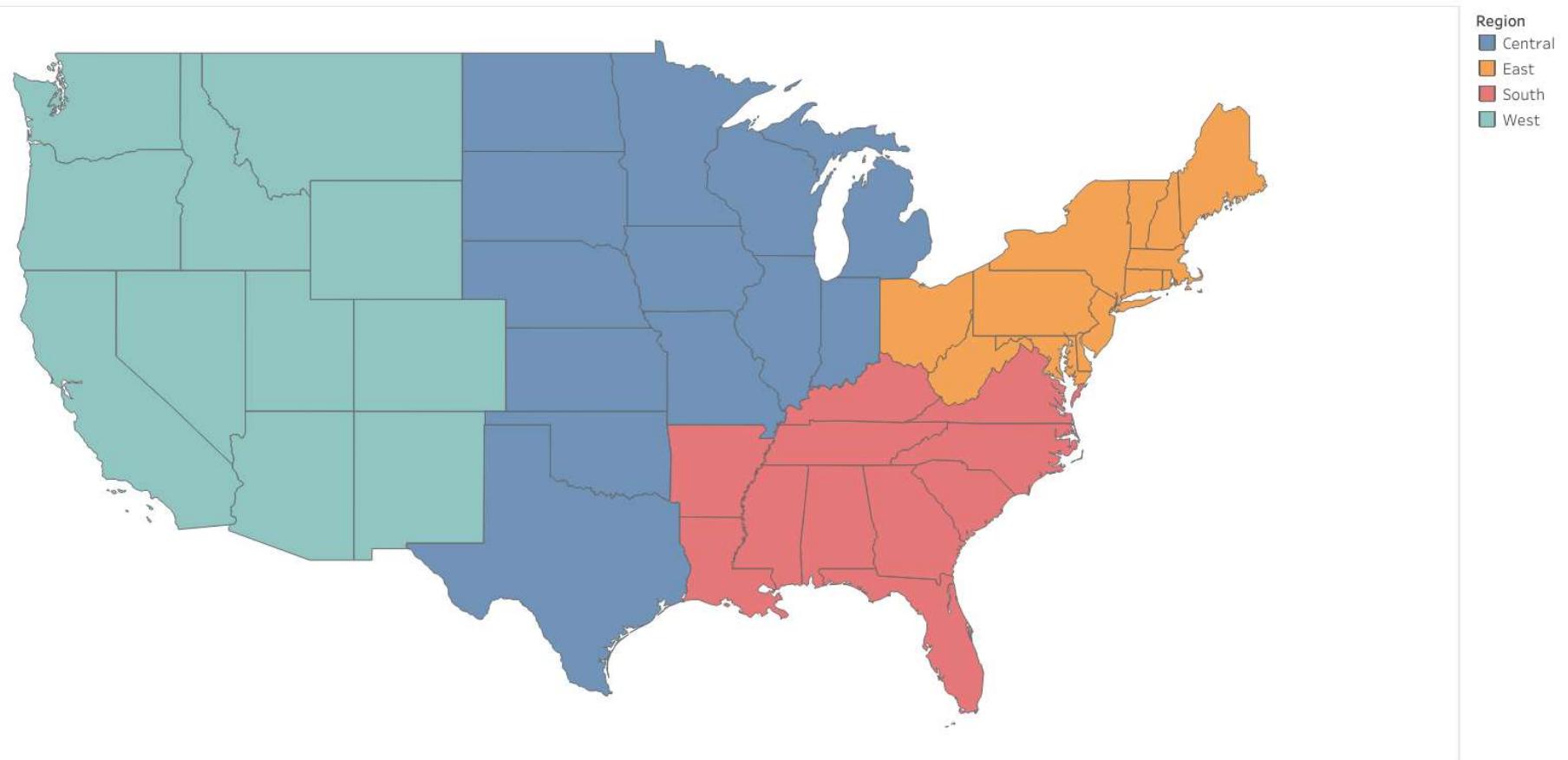
Maps with Symbols

Use: Tracking geographic data evolution



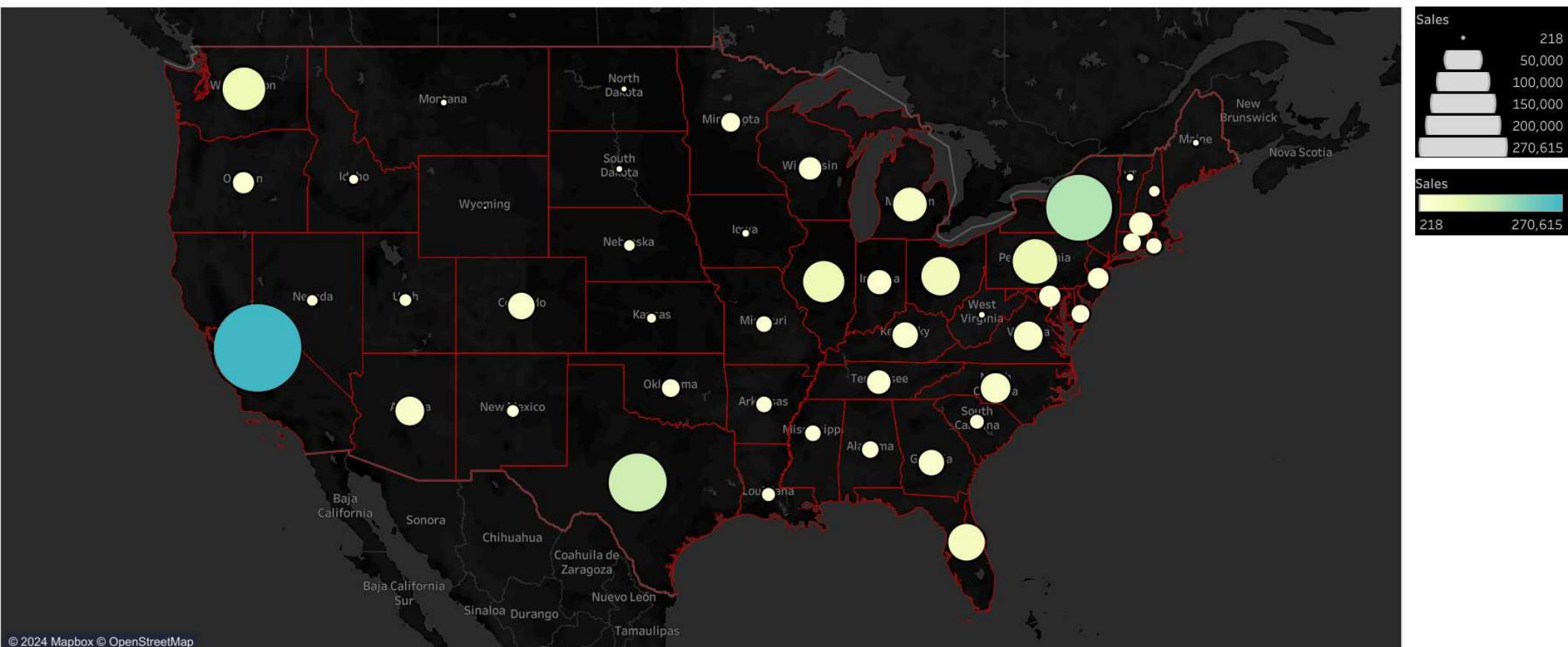
Maps without Background

Use: Tracking geographic data evolution



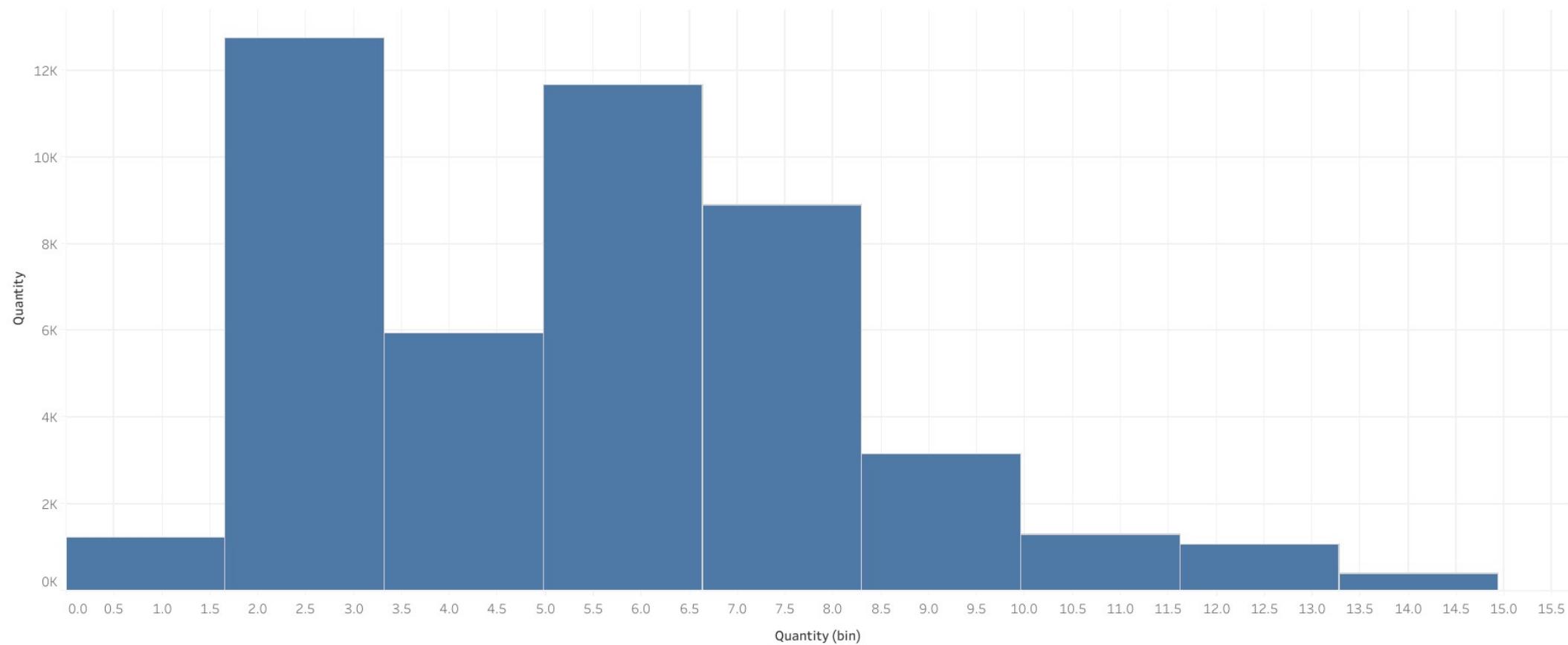
Maps with NightVision

Use: Tracking geographic data evolution



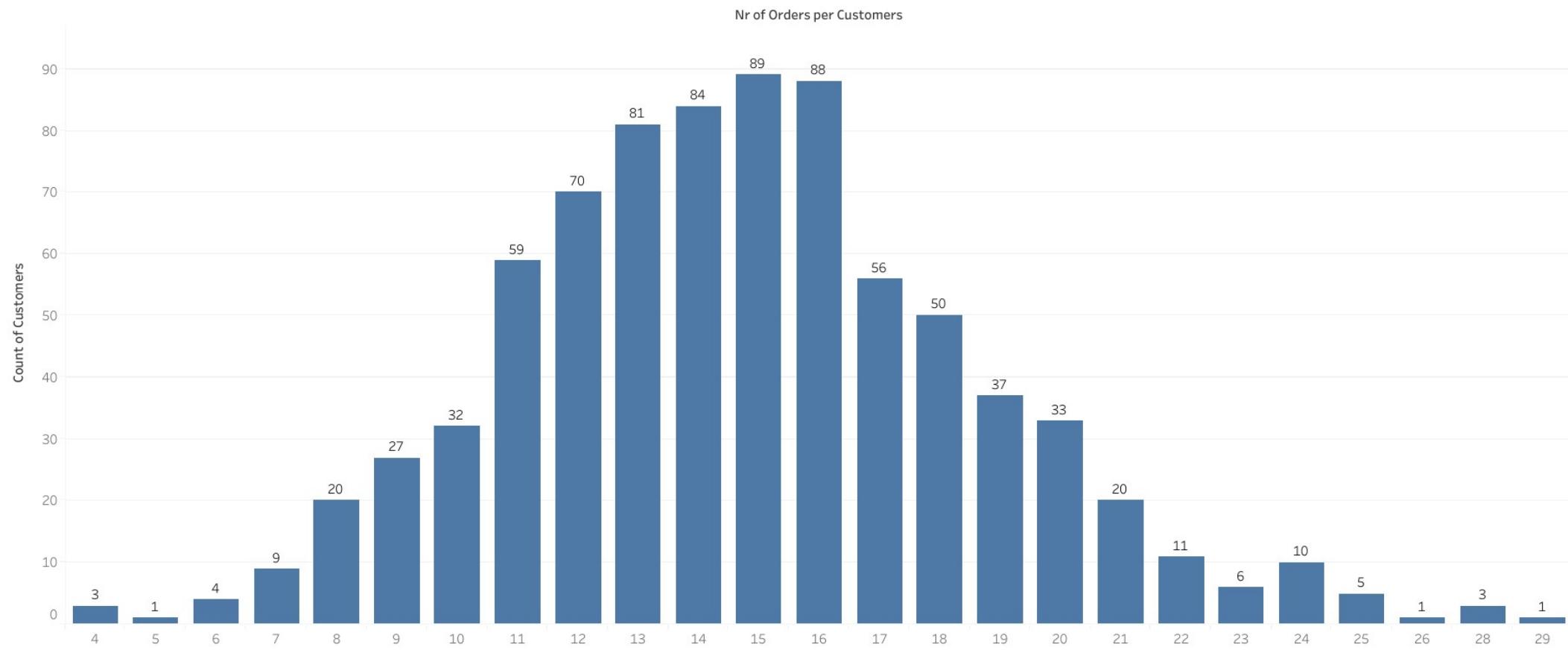
Histogram (1 Measure)

Use: Distribution of data



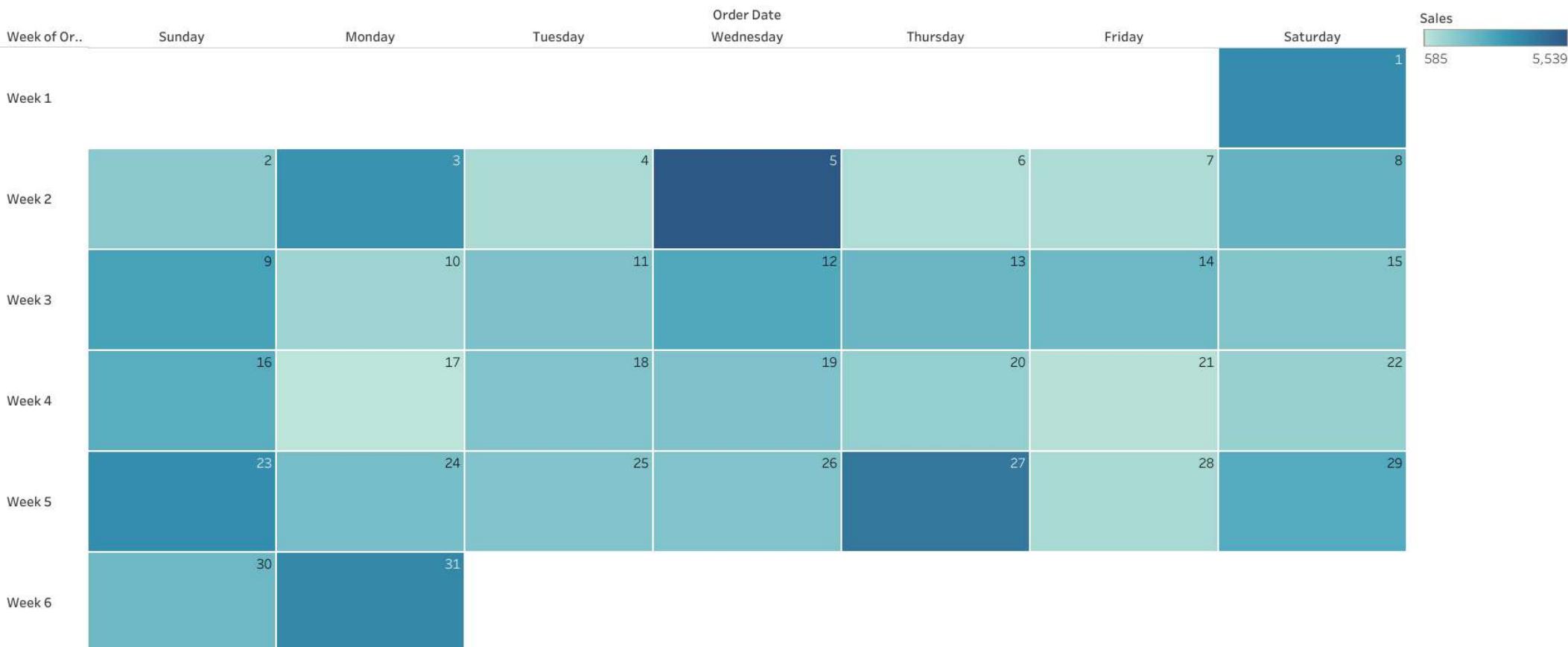
Histogram (2 Measure)

Use: Distribution of data



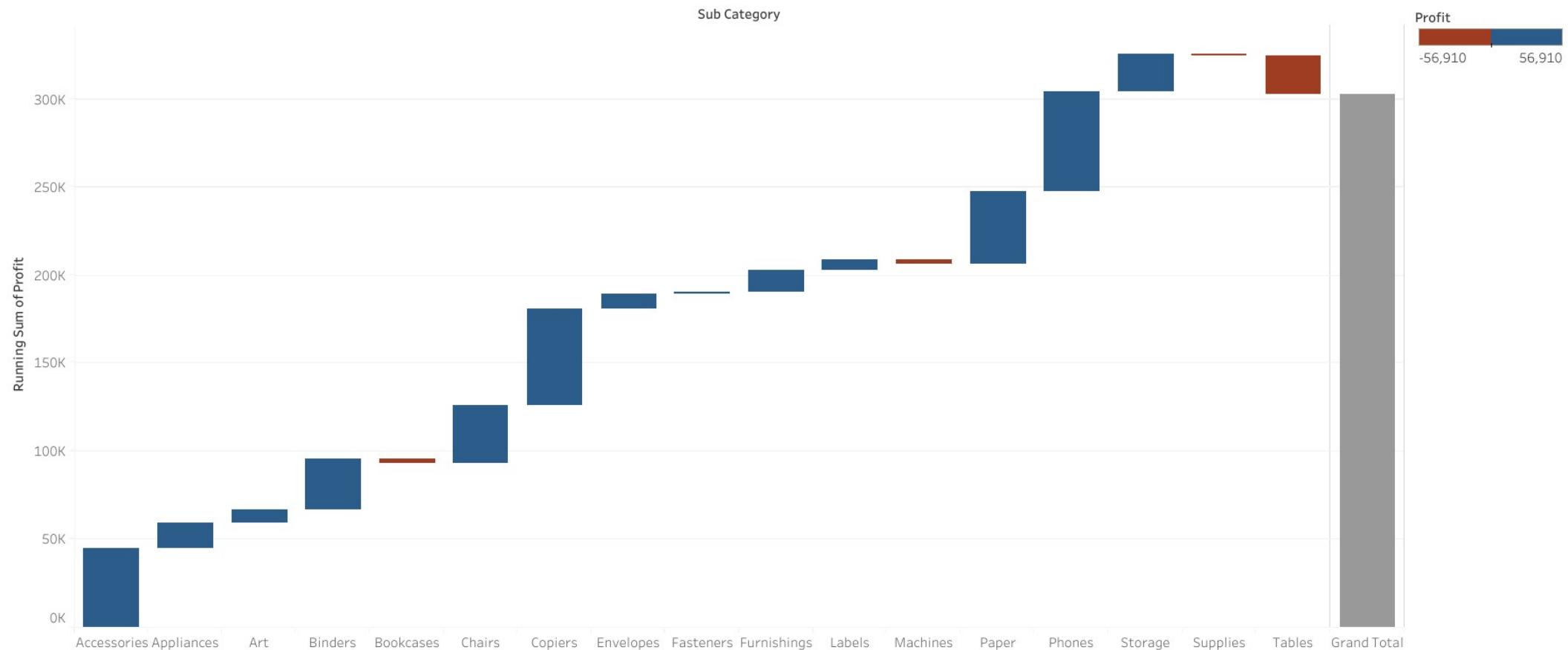
Calender

Use: To show activity over the course of a long span of time, such as months/years.



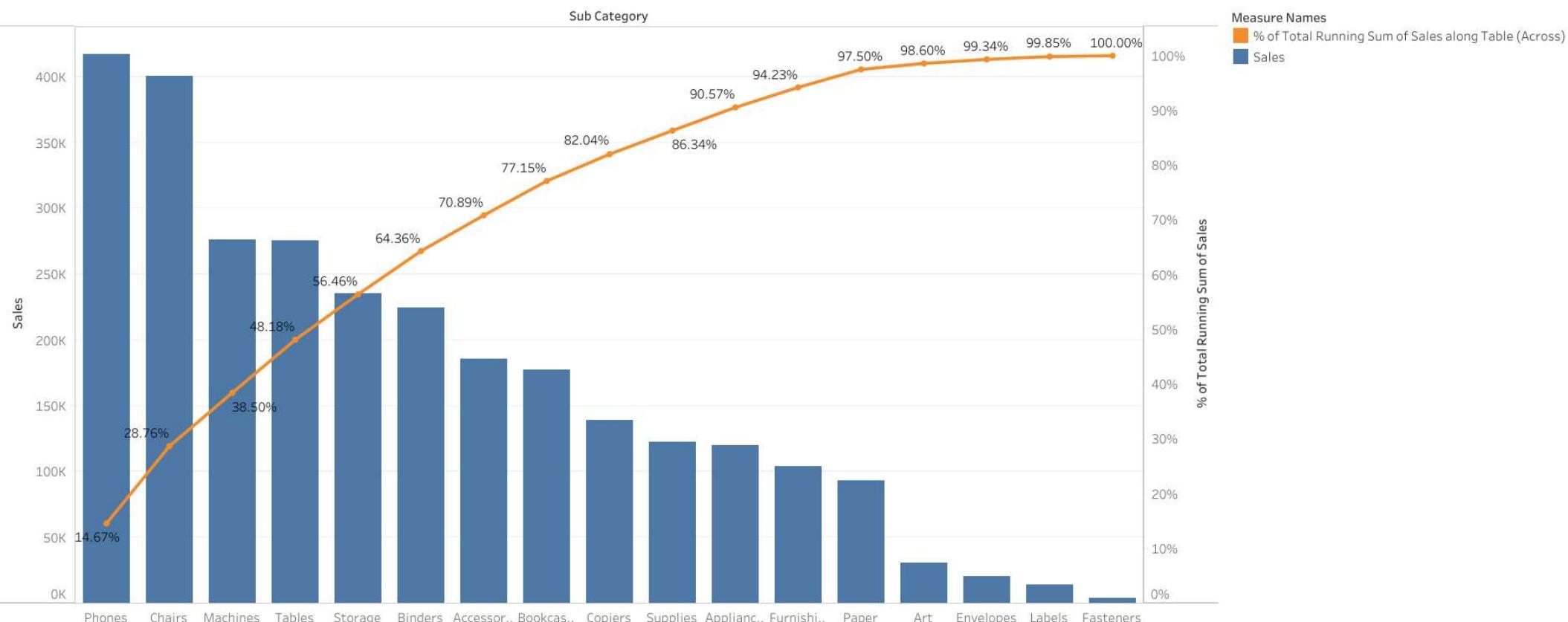
Waterfall Chart

Use: Part to whole relationships, Flow process (Typically budgets)



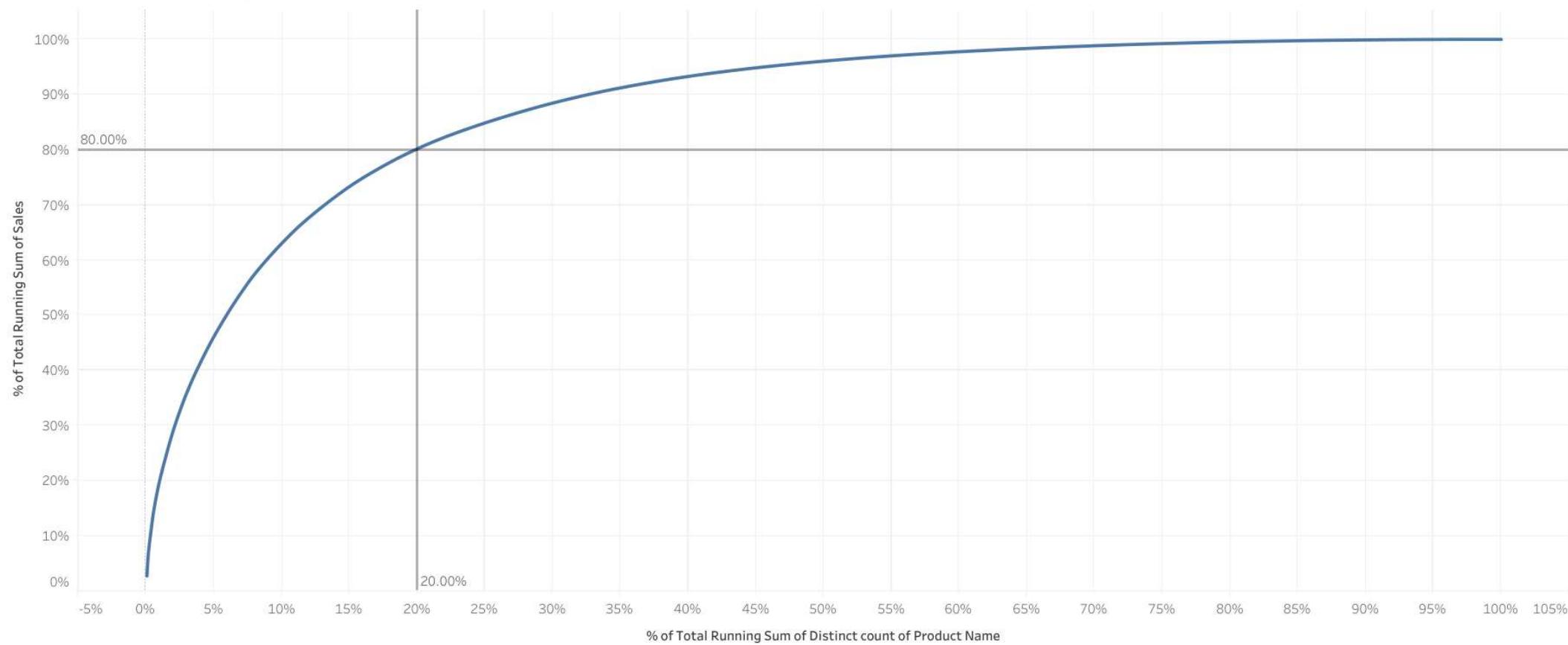
Pareto Chart

Use: Bar&Line based upon Pareto Principle 80-20



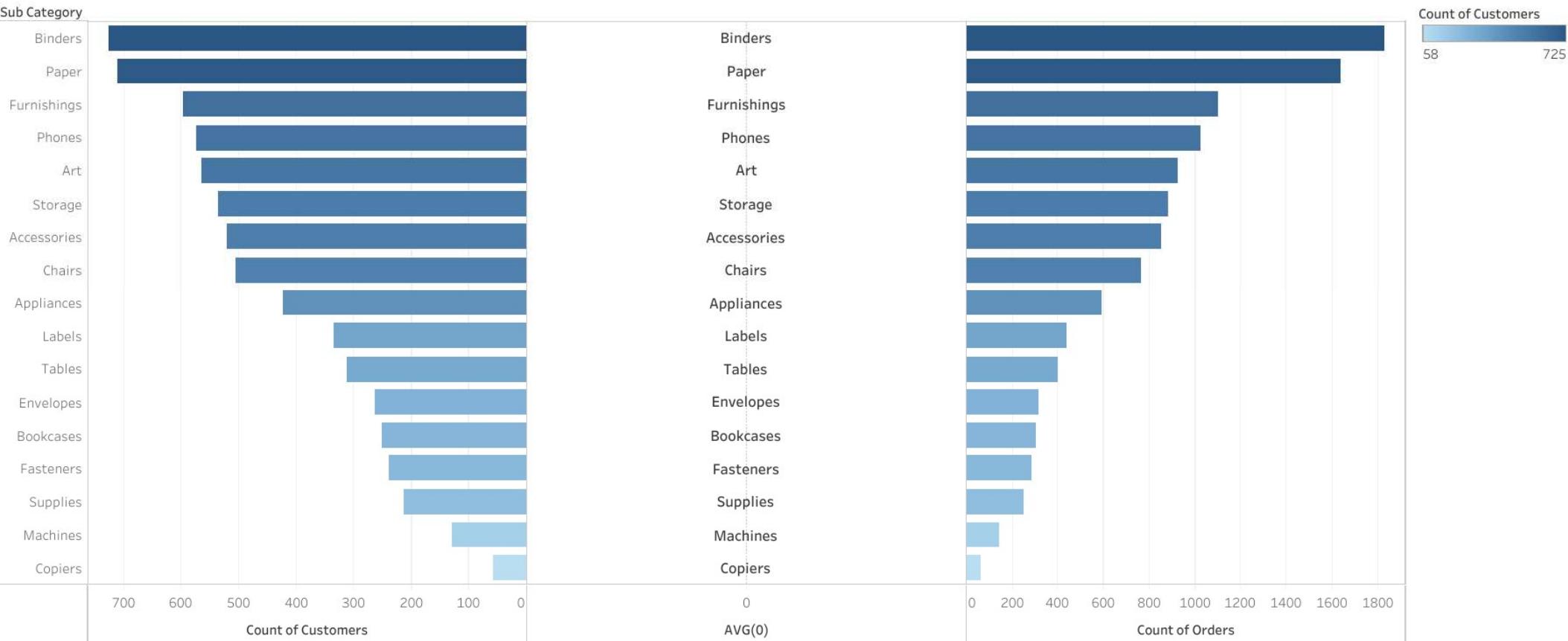
Pareto Chart (2)

Use: Do 20% of the products make up 80% of the sales?



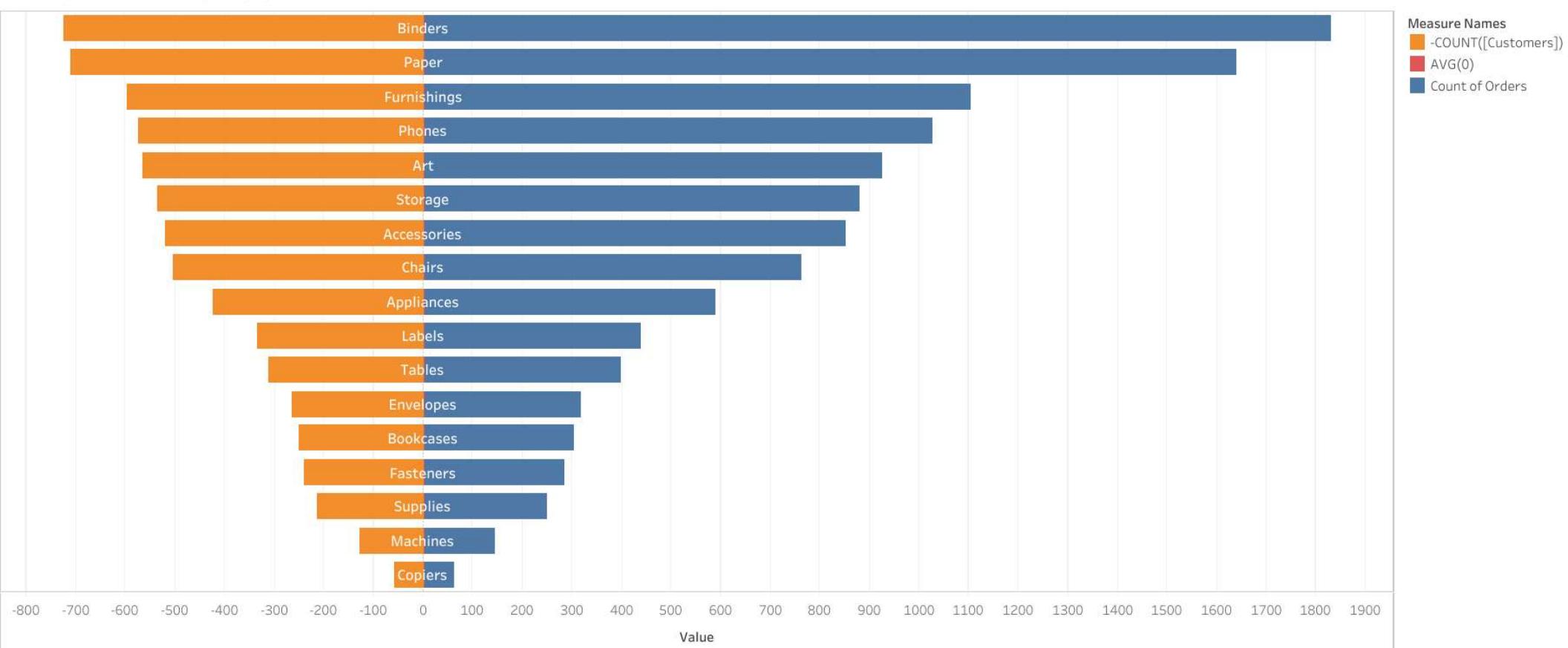
Butterfly Chart

Use: Compare two measures by category, Correlation



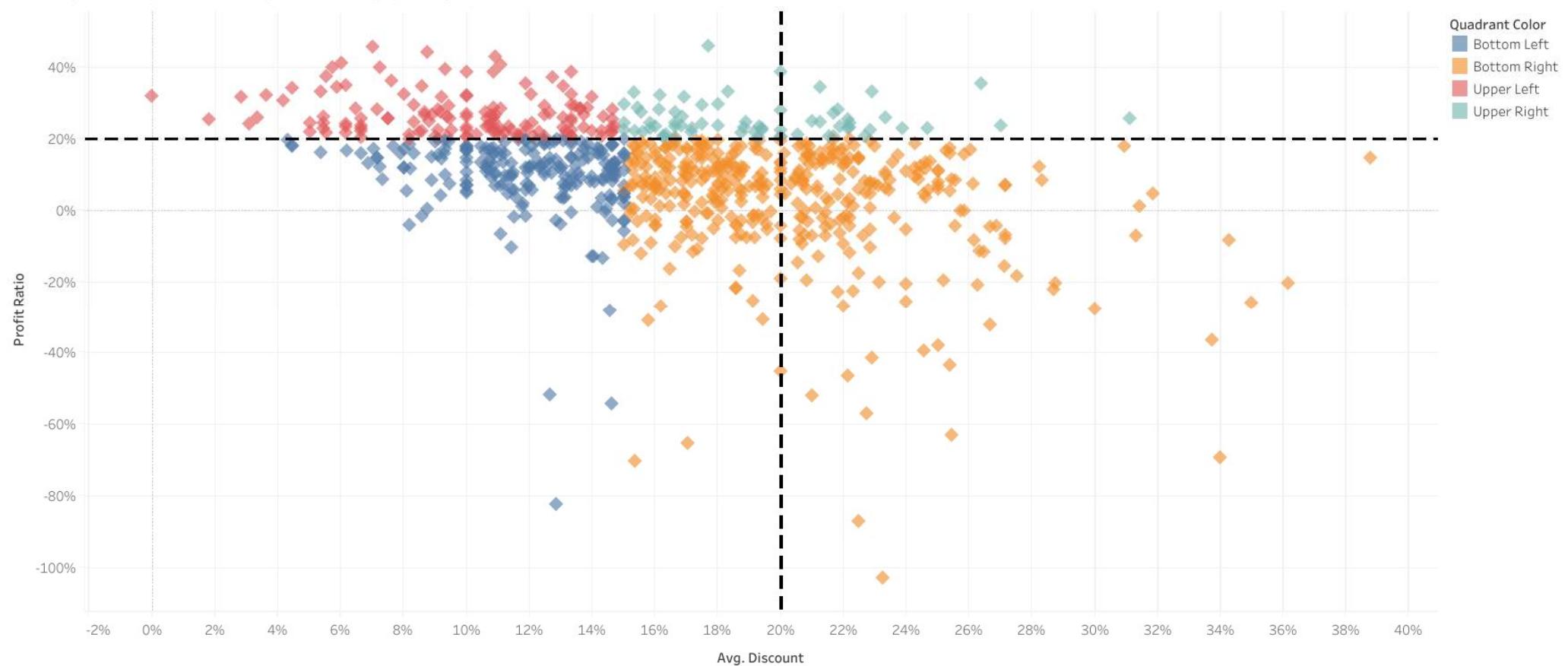
Tornado Chart

Use: Compare two measures by category, Correlation



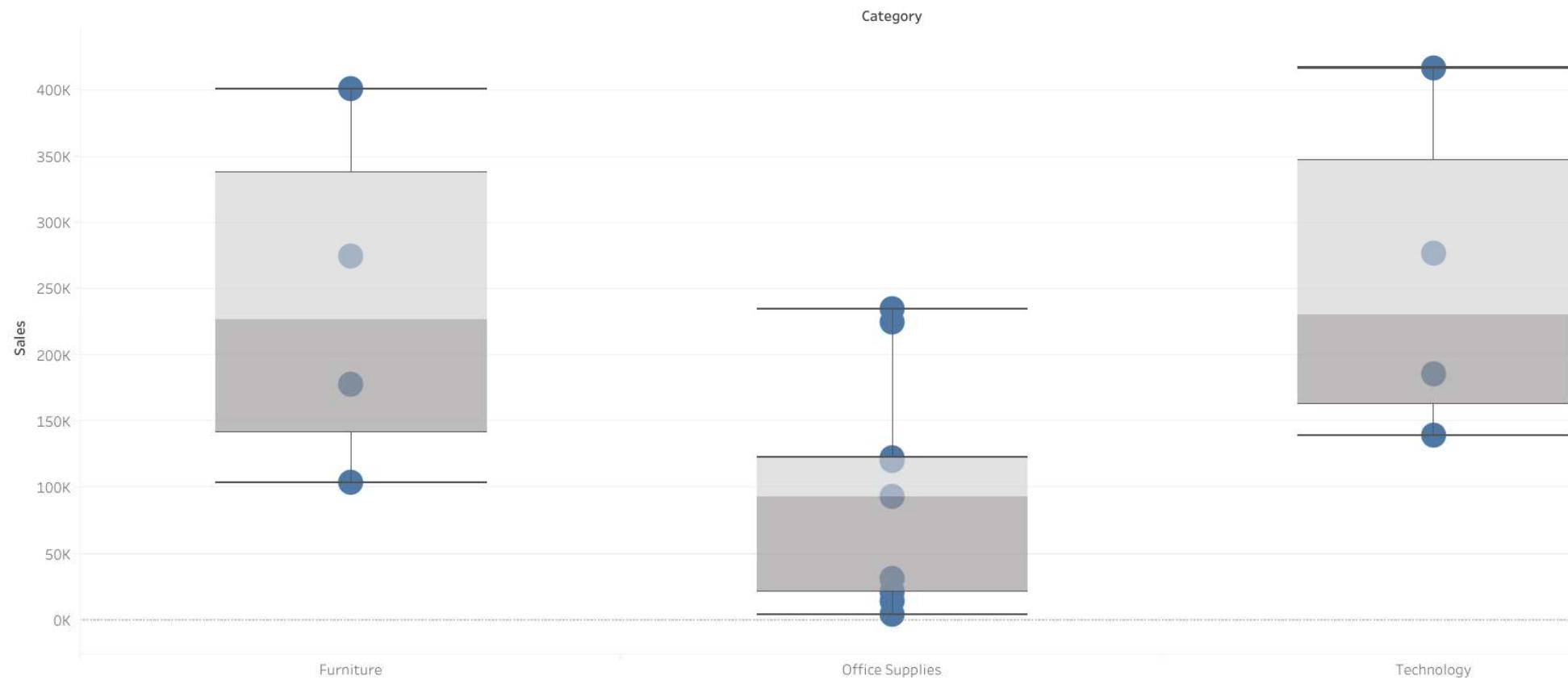
Quadrant Chart

Use: Categorize data points, risk management, strategic planning



Boxplot Chart

Use: 5 number summary: the min, the max, the sample median, the first & third quartiles



KPI Chart

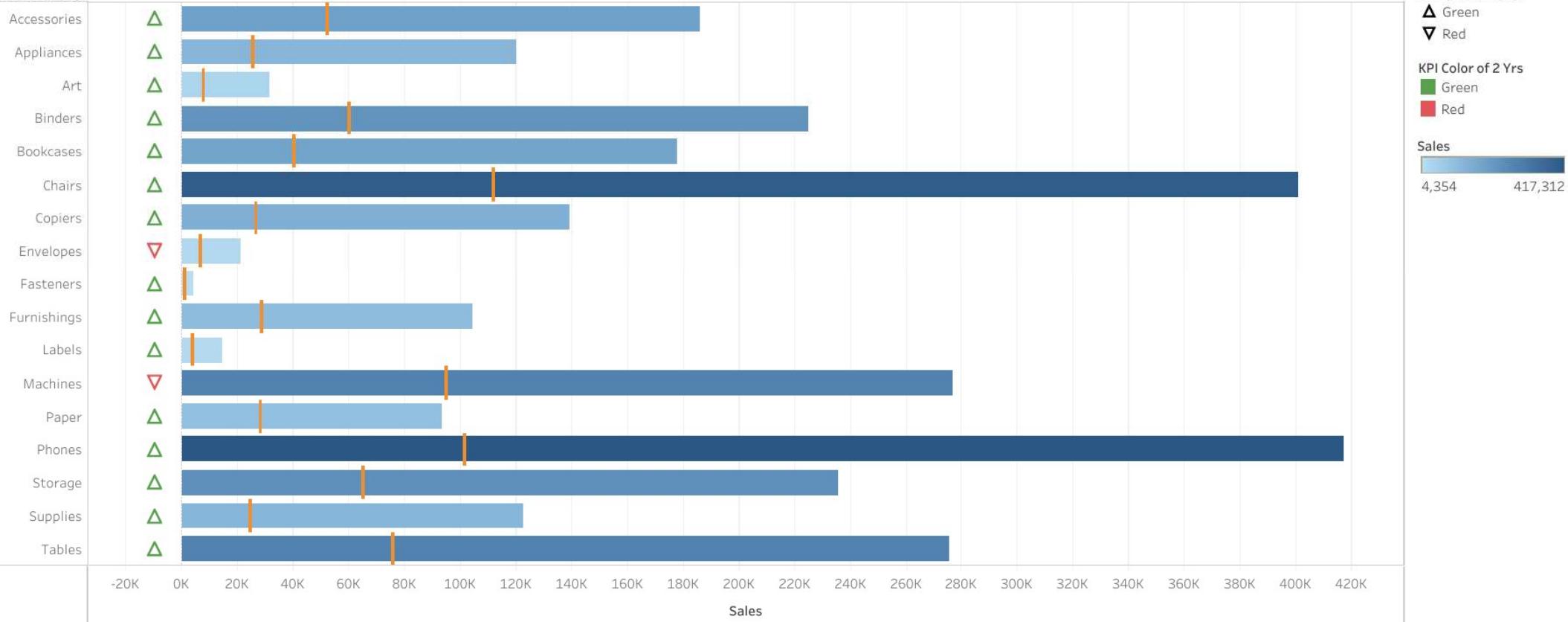
Use: Analyze the performance of the business

Sub Catego..	France	Germany	Country	USA	KPI Color
Accessories	✓	✓	!	✓	✓ Green
Appliances	!	!	✗	!	! Orange
Art	✗	✗	✗	!	✗ Red
Binders	✓	✓	!	✓	✓ Green
Bookcases	✓	✓	!	✓	✓ Green
Chairs	✓	✓	!	✓	✓ Green
Copiers	✓	!	✗	!	! Orange
Envelopes	✗	✗	✗	✗	✗ Red
Fasteners	✗	✗	✗	✗	✗ Red
Furnishings	!	!	✗	!	! Orange
Labels	✗	✗	✗	✗	✗ Red
Machines	✓	!	!	✓	✓ Green
Paper	!	!	✗	!	! Orange
Phones	✓	✓	!	✓	✓ Green
Storage	✓	✓	!	✓	✓ Green
Supplies	!	✓	✗	!	! Orange
Tables	✓	✓	!	✓	✓ Green

KPI & Bar Chart

Use: Analyze the performance of the business

Sub Category



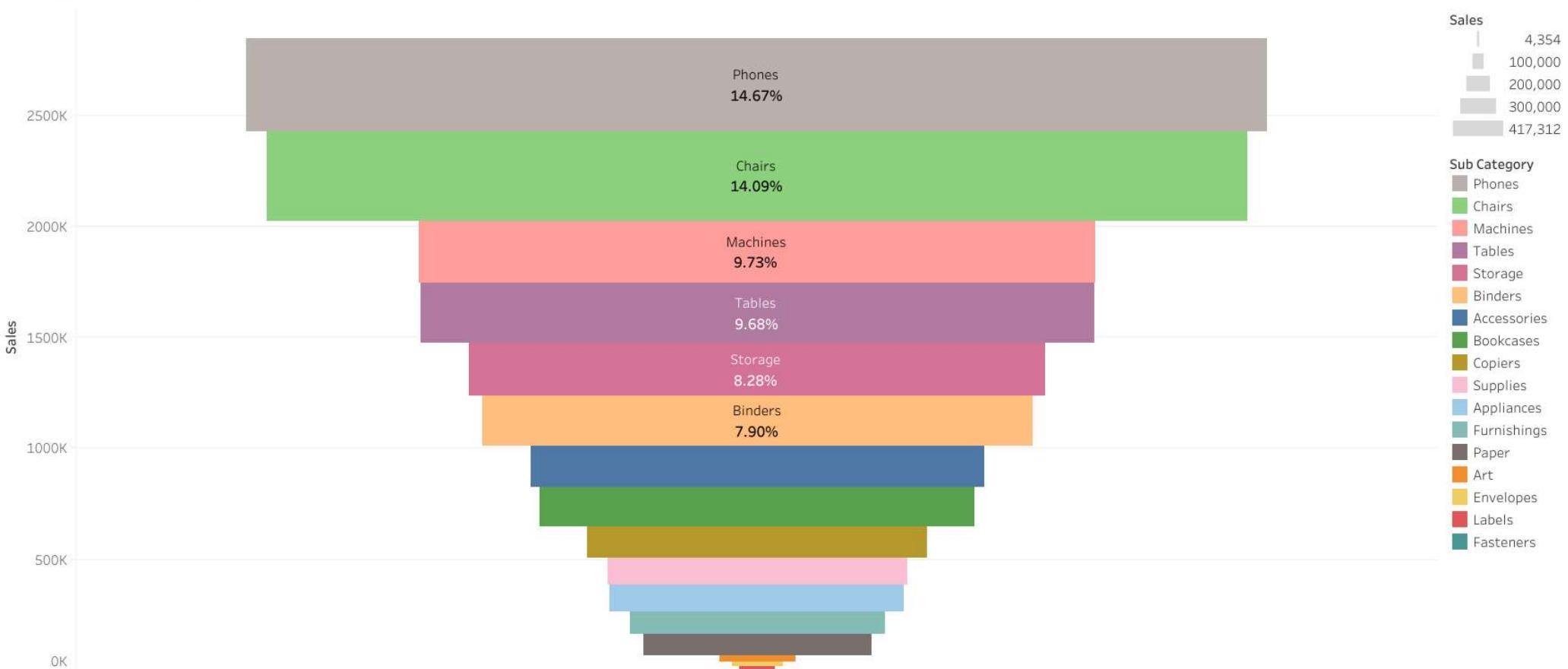
Bans

Use: Analyze the performance of the business

₹ 919K ₹ 829K ₹ 192K ₹ 904K
France Germany Italy USA

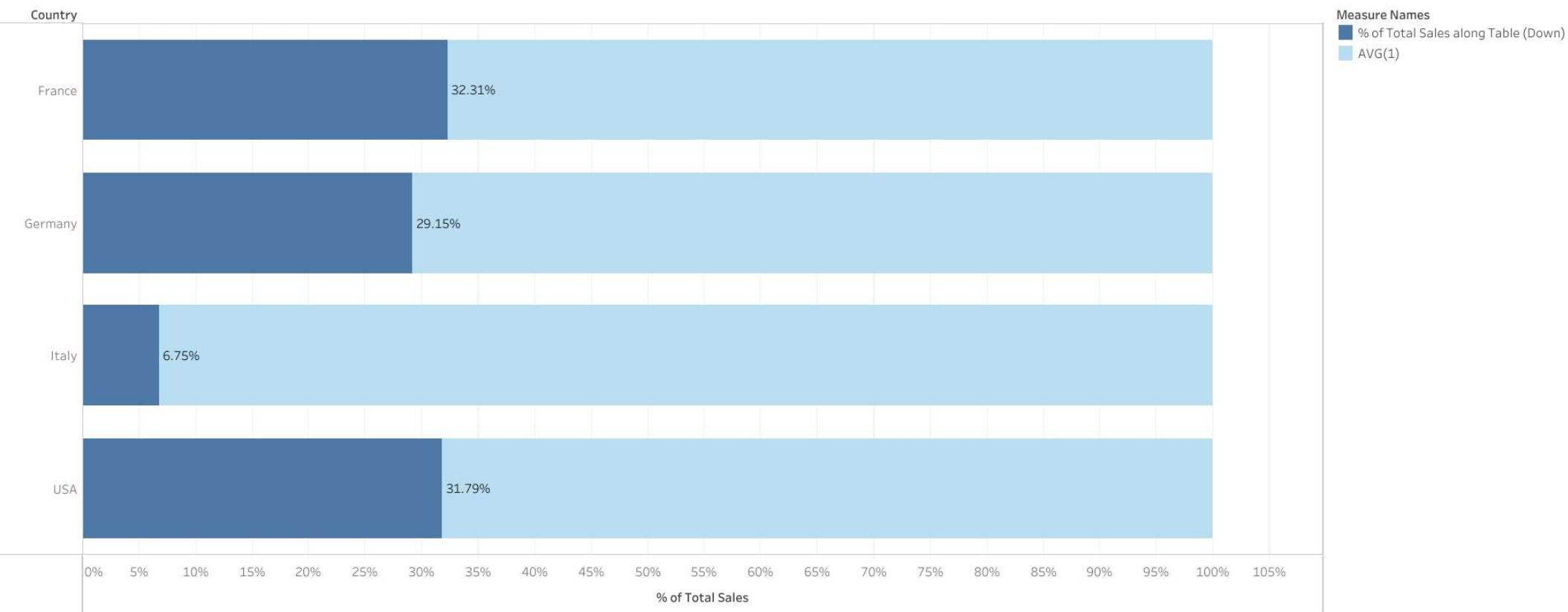
Funnel Chart

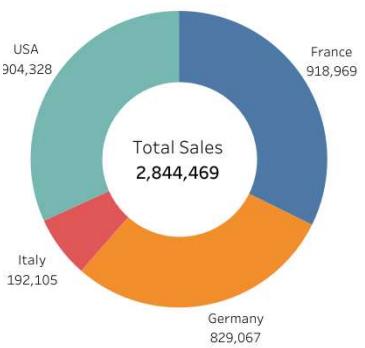
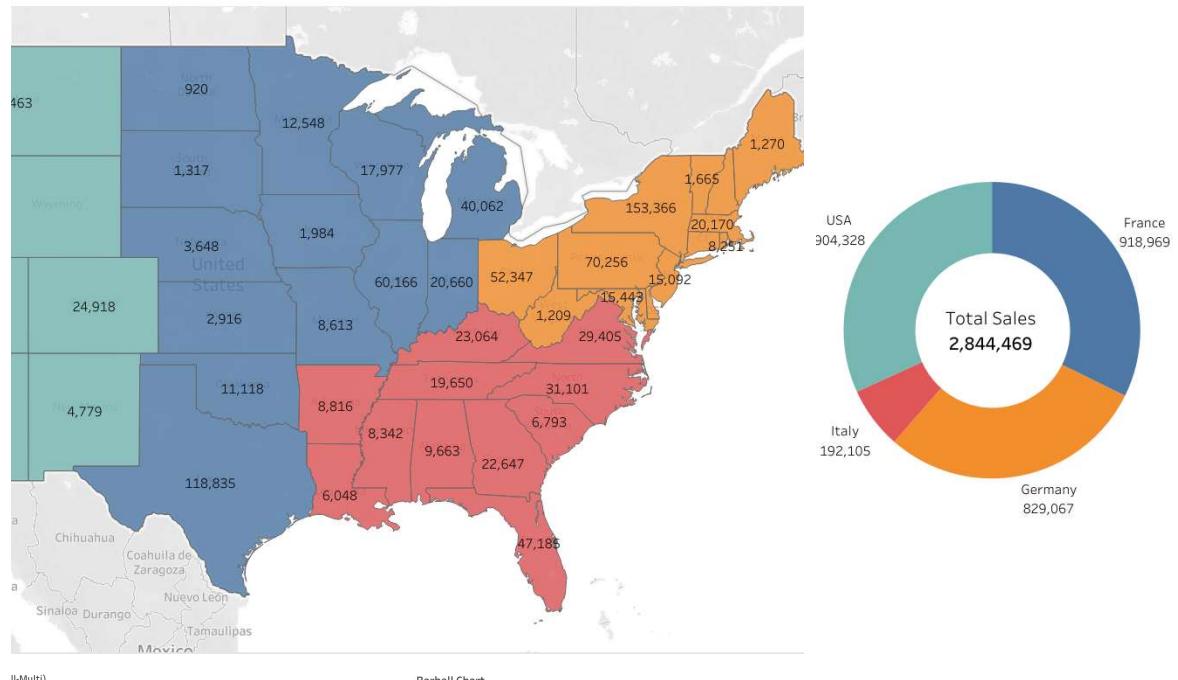
Use: Progress of data through different stages



Progress Bar Chart

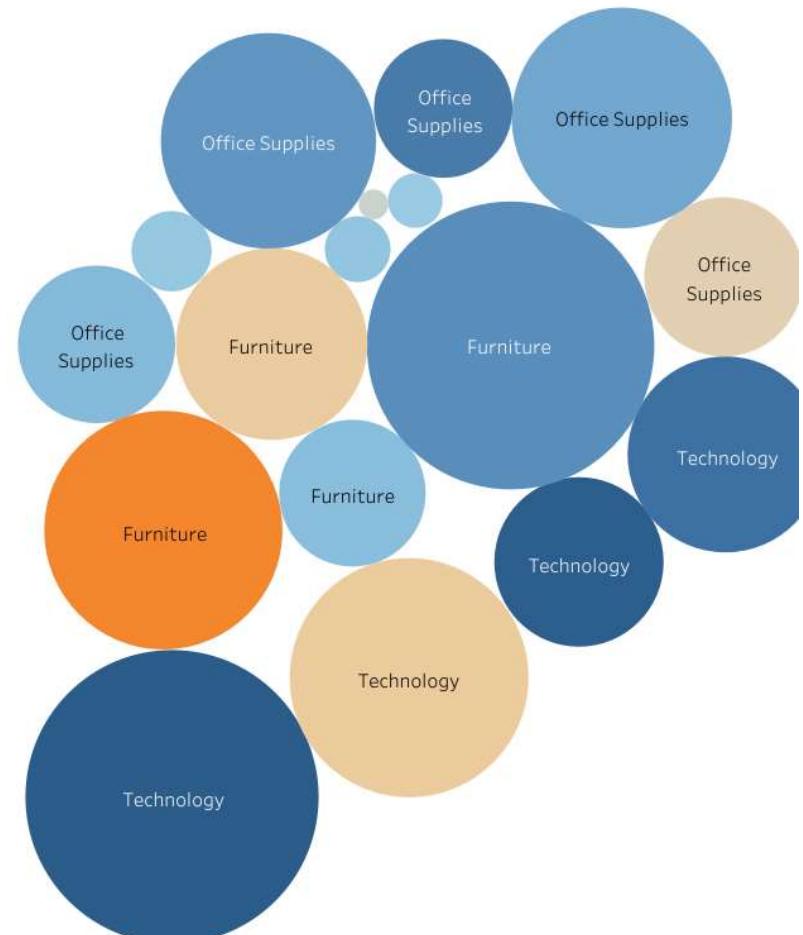
Use: Big picture for everyone involved in the work.





Sunday, August 4, 2024

50+ Tableau Viz. - Ankit Negi



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