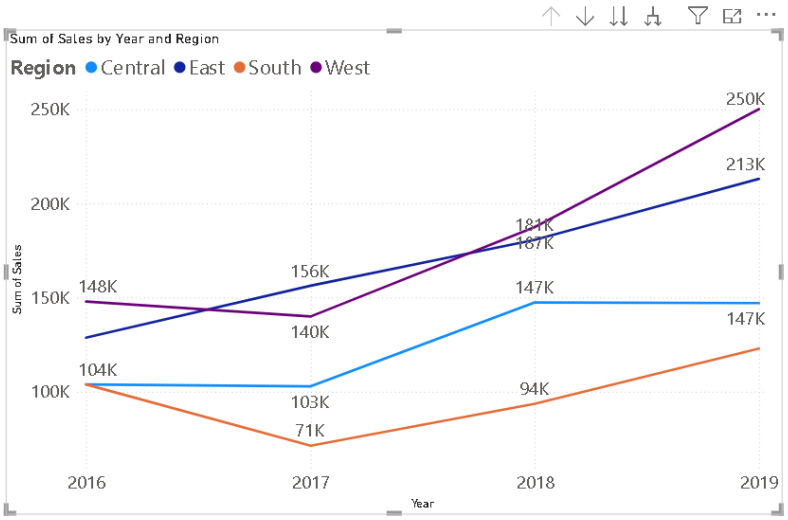
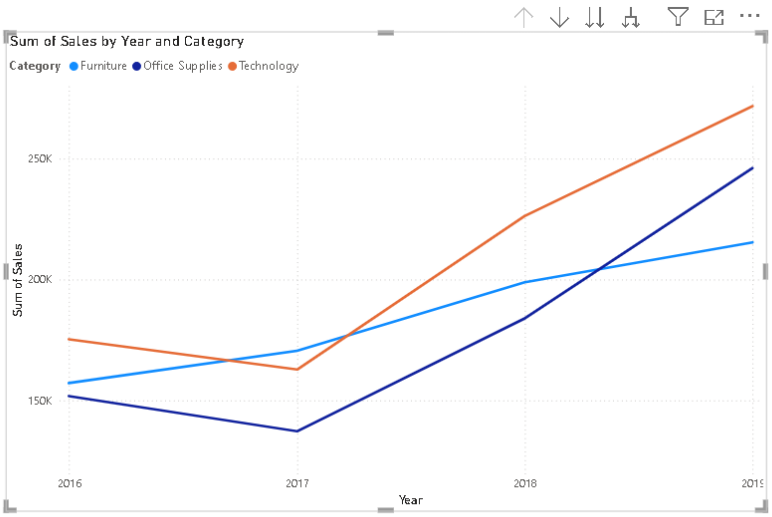
Line Chart

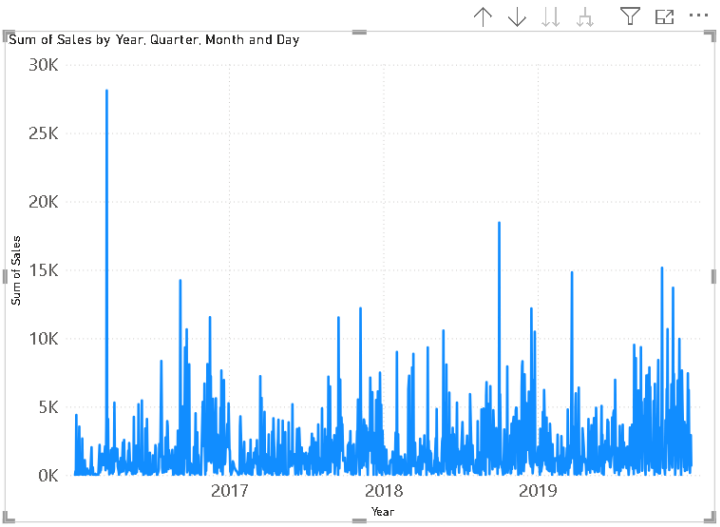
A **Line Chart** in Power BI is used to show data trends over time.
It helps visualize increases, decreases, and patterns in metrics like sales or profit.
Place a **date field** on the X-axis and a **numeric value** on the Y-axis to create it

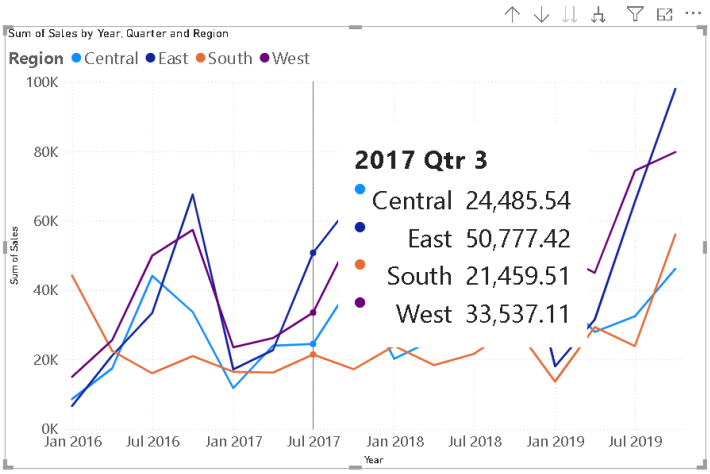




Drill Down in Line Chart

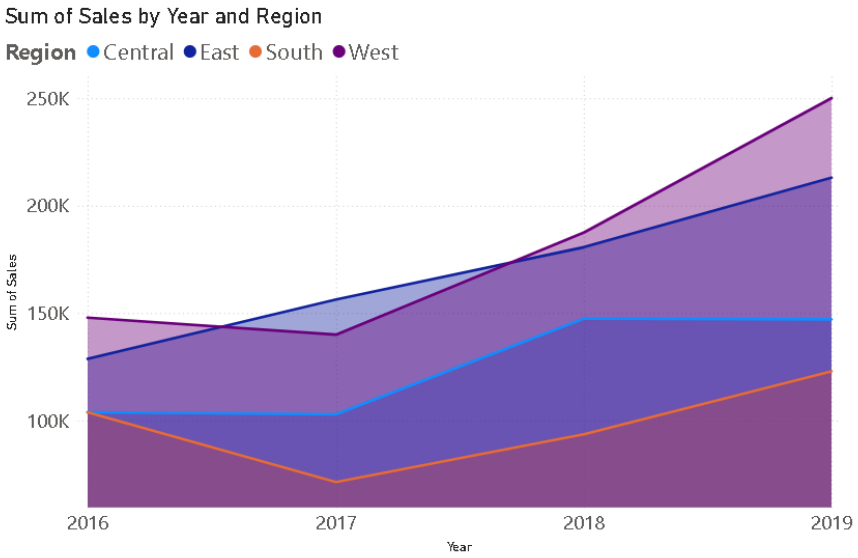
Drill Down in a Line Chart lets you explore data from a summary level to more detailed levels (e.g., Year → Quarter → Month).
It helps analyze trends at different time intervals or categories within the same visual.
Use the **double arrow icon** or right-click on a point to drill down in Power BI.





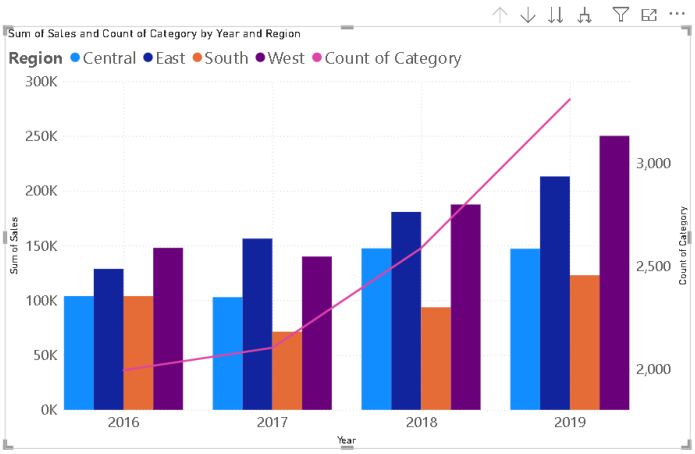
Area Chart

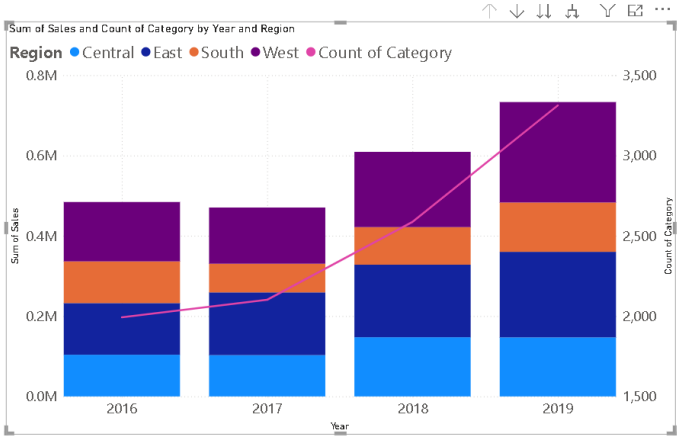
An **Area Chart** displays trends over time, like a Line Chart, but with the area below the line filled with color.
It's useful for showing the **magnitude** of change and comparing parts to the whole.
Best used when you want to emphasize the volume under the trend line.

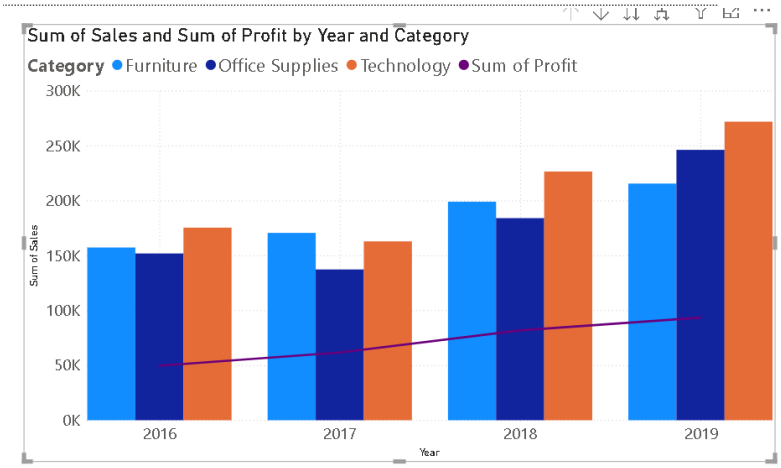


Line VS Column Chart

A **Line Chart** shows **trends over time** using connected data points.
A **Column Chart** compares **individual values** across categories using vertical bars.
Use Line for **patterns/trends**, and Column for **exact comparisons** between groups.

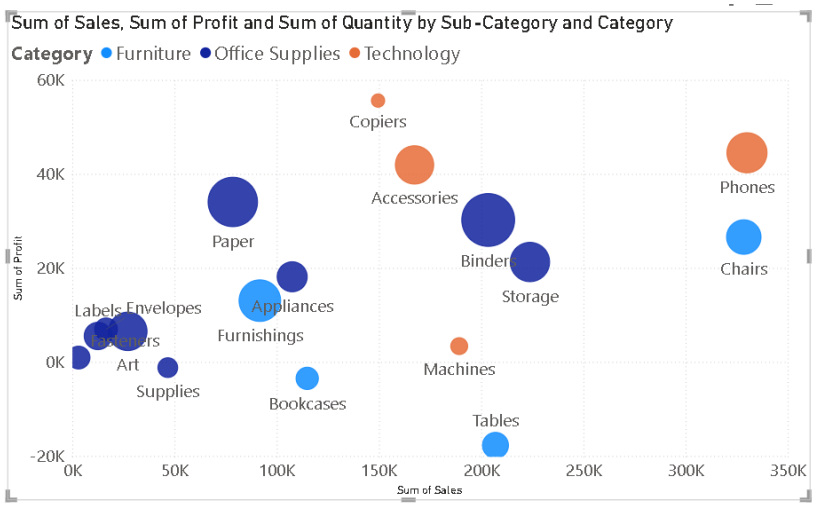


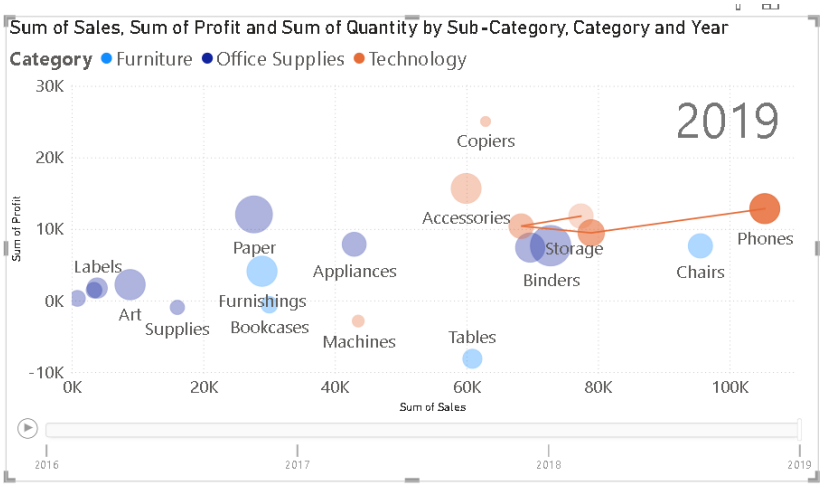




Scatter Plot – with Animation

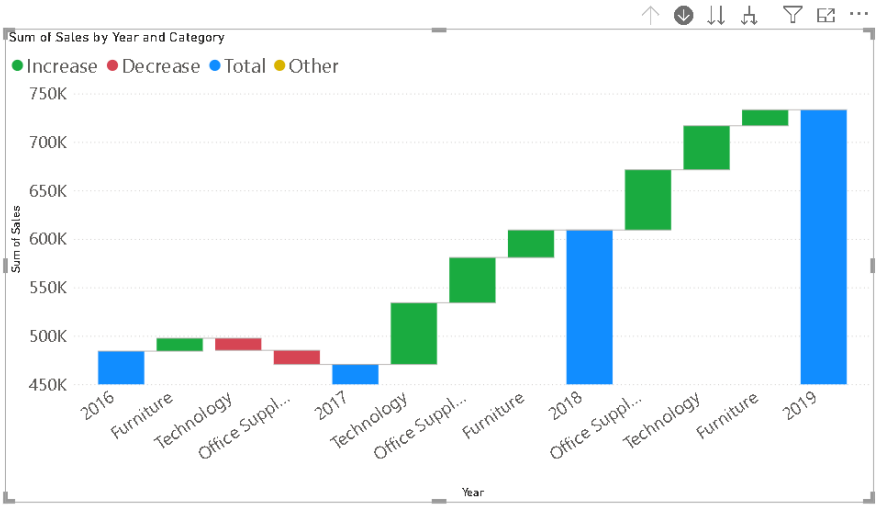
A **Scatter Plot** shows relationships between two numerical values using dots.
With **animation (Play Axis)**, it displays how data points move over time (e.g., year by year).
Useful for visualizing **changes in trends or patterns** across time dynamically.





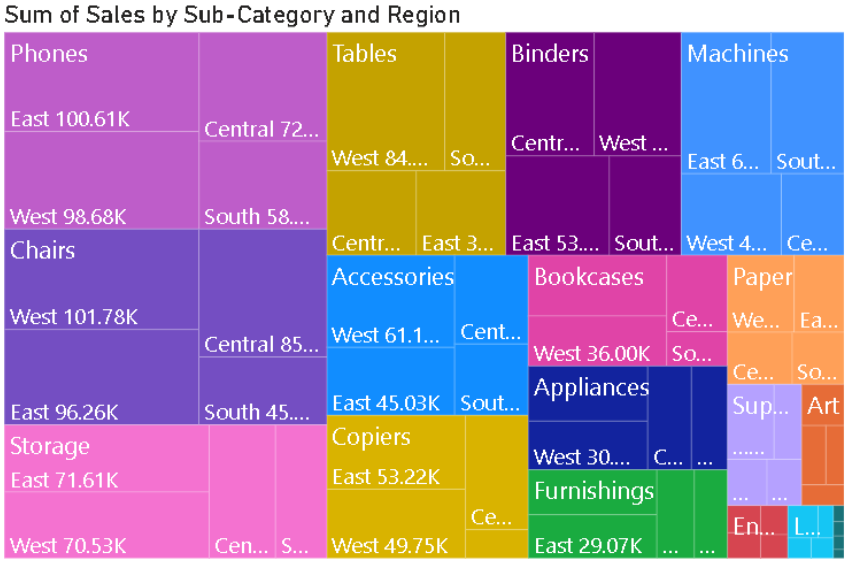
WaterFall Chart

A **Waterfall Chart** shows how values increase or decrease step-by-step to reach a final total. It's great for visualizing **contributions** of individual items to a total (e.g., profit breakdown). Use it to track **positive and negative changes** across categories.



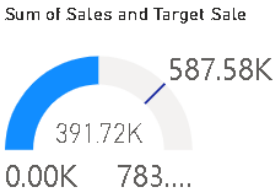
Tree Map

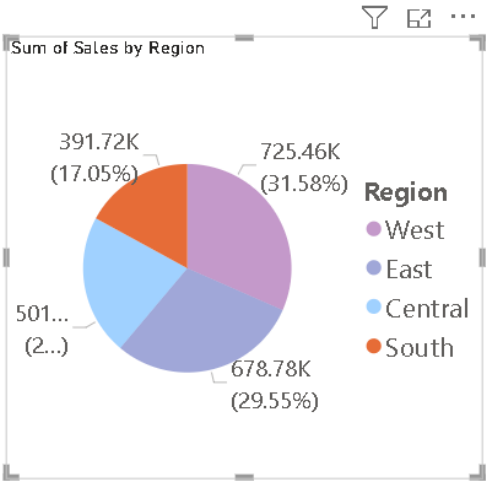
A **Tree Map** displays hierarchical data using **nested rectangles**, where size represents value.
It's useful for showing **part-to-whole relationships** at a glance.
Best for comparing multiple categories in a compact, colorful layout.

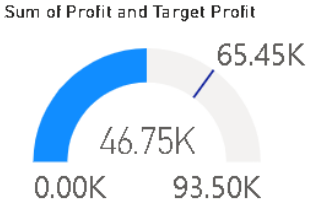


Guage Chart

A **Gauge Chart** shows progress toward a **target or goal**, like a speedometer.
It displays a **single value** compared to a maximum limit or KPI.
Best for tracking **performance metrics** like sales targets or completion rates.


Sum of Sales and Target Sale
587.58K
391.72K
0.00K
783....


Sum of Sales by Region
391.72K
(17.05%)
725.46K
(31.58%)
501...
(2...)
678.78K
(29.55%)
Region
West
East
Central
South


Sum of Profit and Target Profit
65.45K
46.75K
0.00K
93.50K