

STATIC VISUALIZATION TAXONOMY

from the Supplemental Material of

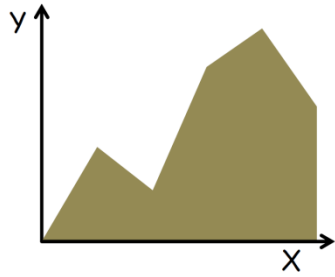
"What Makes a Visualization Memorable?"

Michelle Borkin, Azalea Vo, Zoya Bylinskii, Phillip Isola,
Shashank Sunkavalli, Aude Oliva, & Hanspeter Pfister

IEEE Transactions on Visualization and Computer Graphics
(Proceedings of InfoVis 2013), 19, 12, 2306-2315.

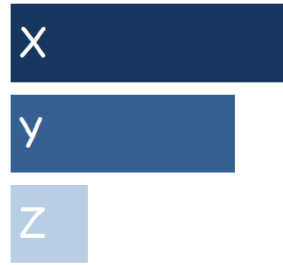
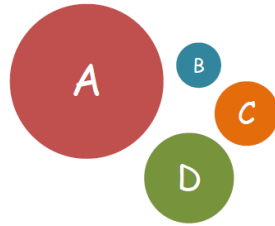
Area

Area Chart

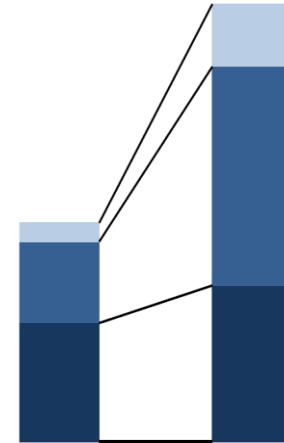


Proportional Area Chart

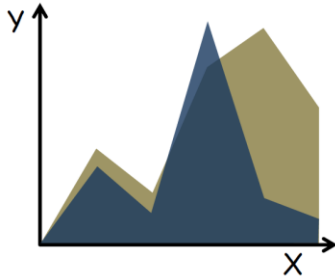
Aligned



Stacked and Linked



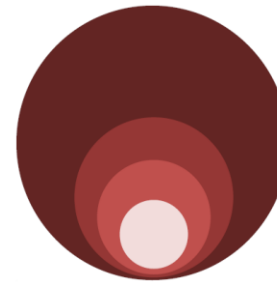
Overlapped Area Chart



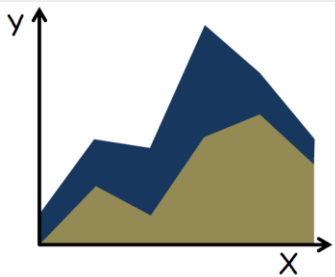
Centered



Overlapped



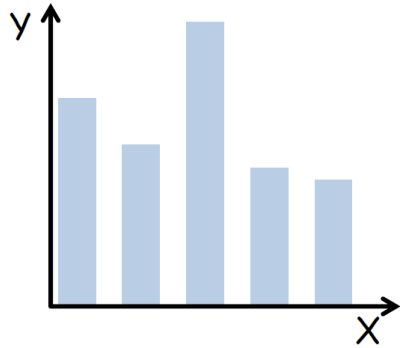
Stacked Area Chart



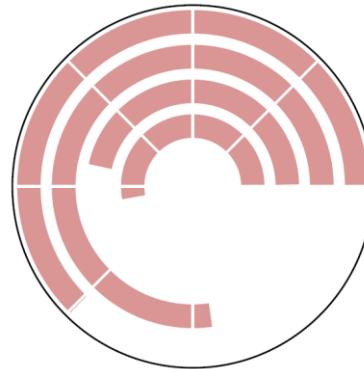
Bar

Bar Chart

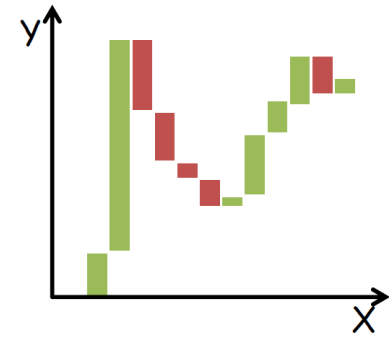
Bar Chart



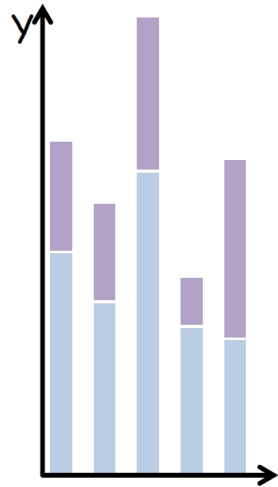
Circular Bar Chart



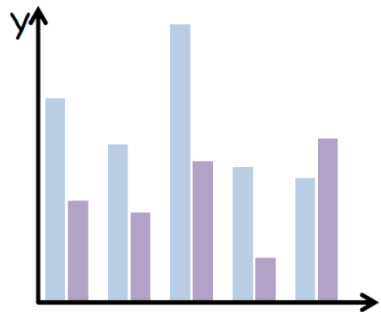
Waterfall Chart



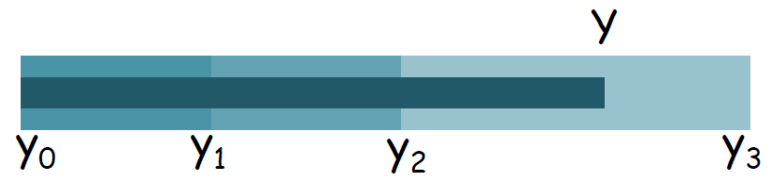
Stacked Bar Chart



Grouped Bar Chart

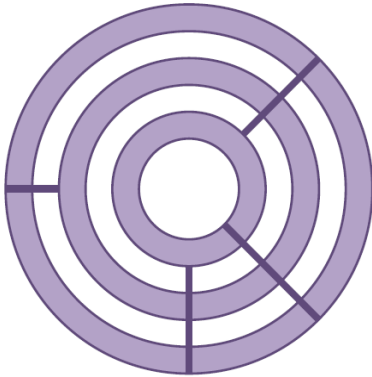


Bullet Graph



Circle

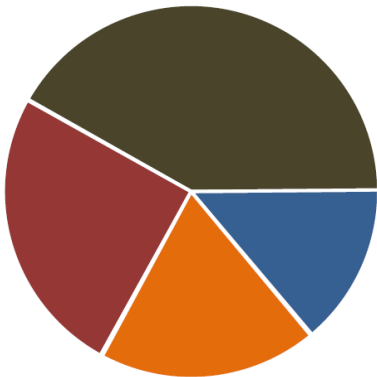
Belt Chart



Donut Chart



Pie Chart



Sector Graph



Diagram

Flow Chart

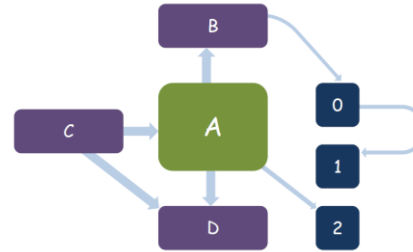
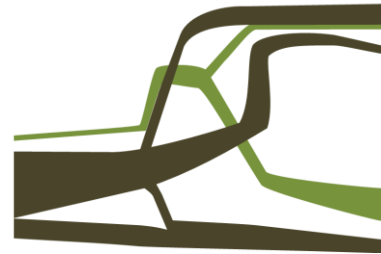


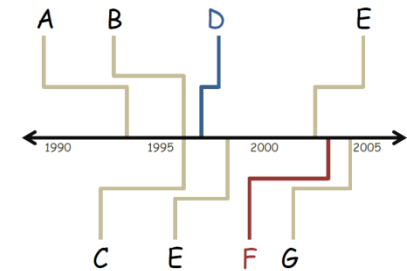
Illustration (or Rendering)



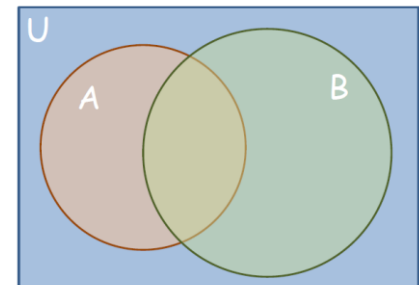
Sankey Diagram



Timeline

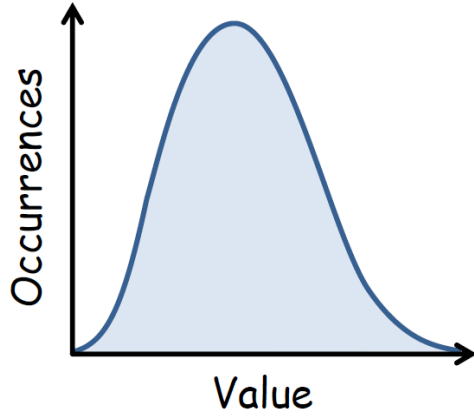


Venn Diagram

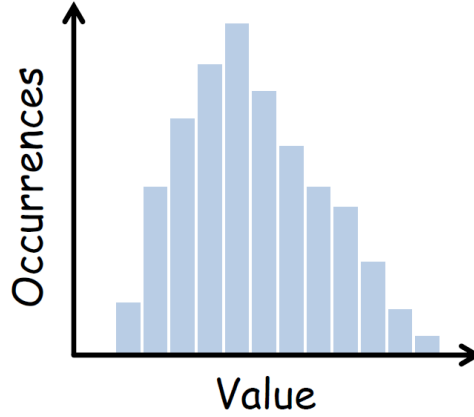


Distribution

Distribution Curve



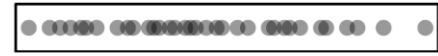
Histogram



Box-And-Whisker Plot



Point Graph



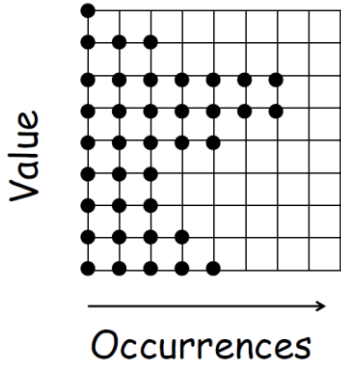
Value

Stripe Graph

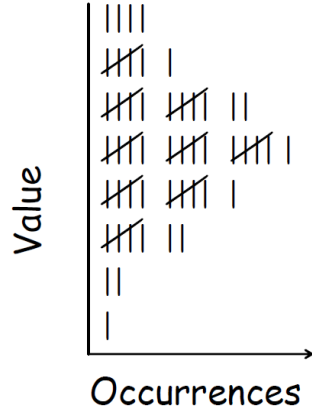


Value

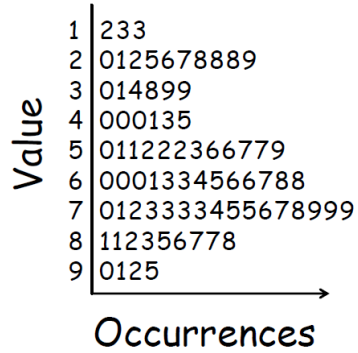
Dot Array



Tally Chart



Stem-And-Leaf Plot



Tree and Network (Graph)

Grid / Matrix

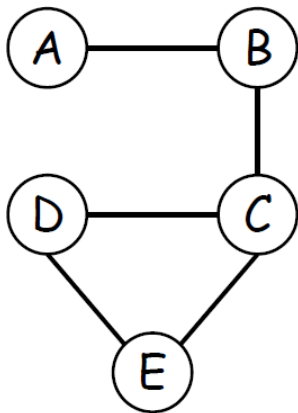
Tree and Network (Graph)

Hive Graph

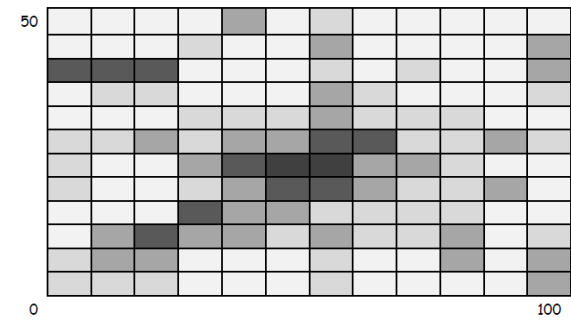
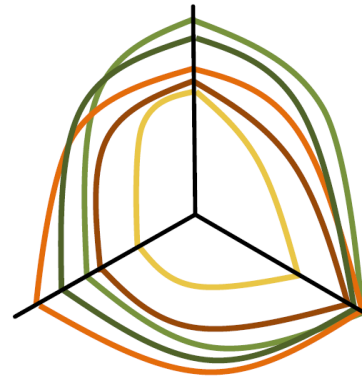
Heat Map

Graph

Matrix Representation



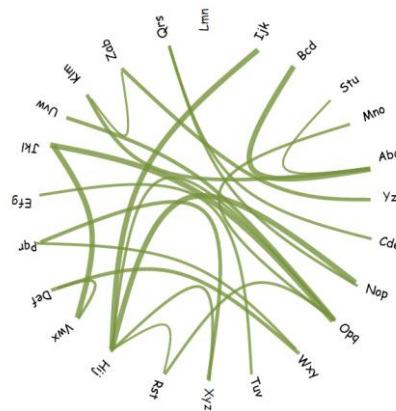
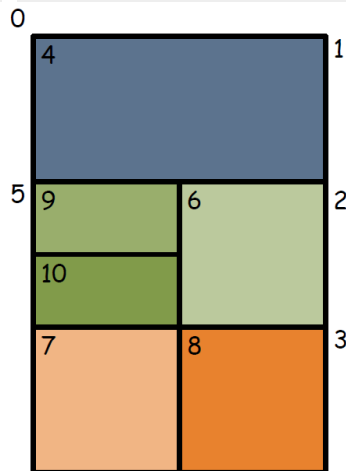
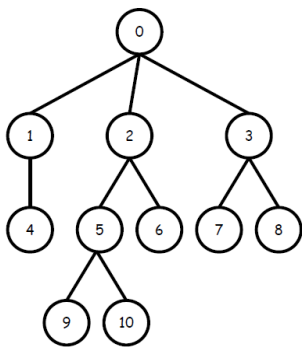
	A	B	C	D	E
A		█			
B	█		█		
C		█		█	█
D			█		█
E			█	█	



Tree

Treemap

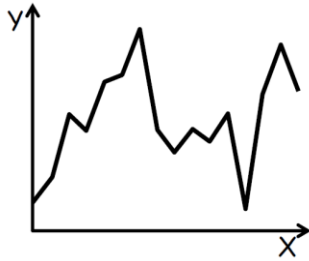
Hierarchical Edge Bundling



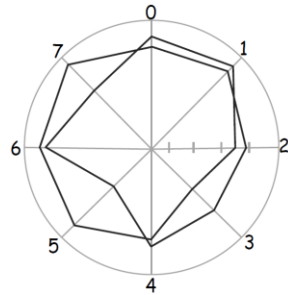
Line

Line Graph

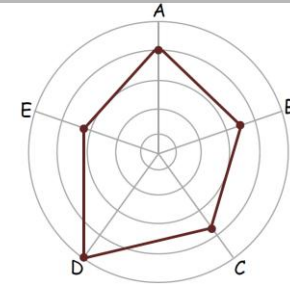
Line Graph



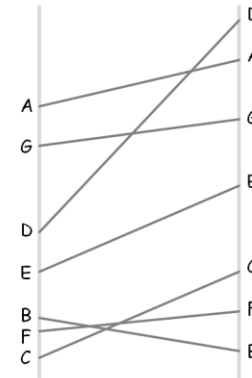
Circular Line Graph



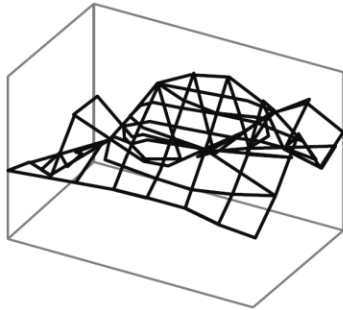
Star Plot



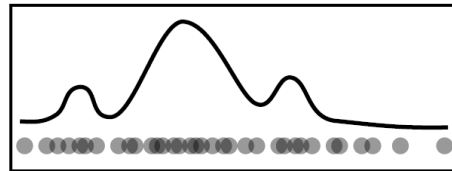
Slopegraph



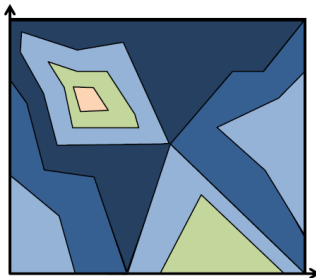
Surface Graph



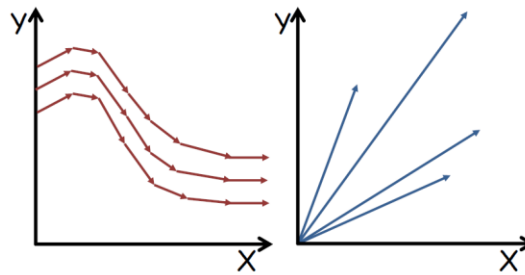
Density Plot



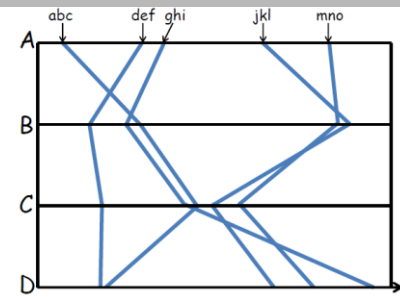
Surface Graph



Vector Graph



Parallel Coordinates



Map

Geographic Map



Flow Map



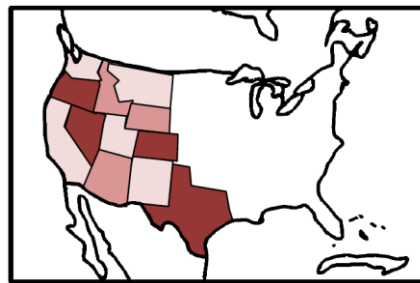
Geographic Map

Statistical Map

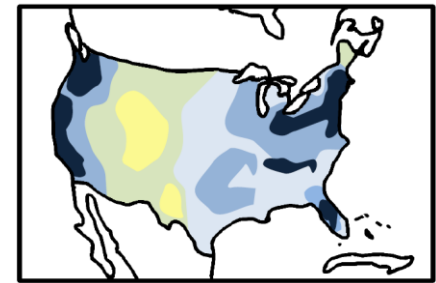
Street Map



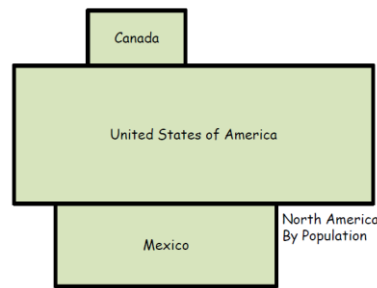
Choropleth Map



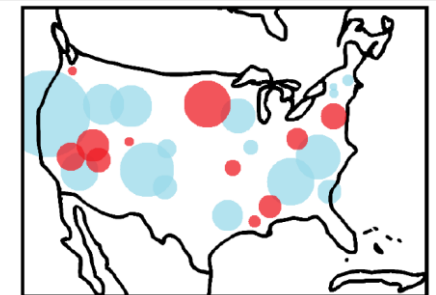
Contour Map (Isopleth)



Distorted Map (Cartogram)



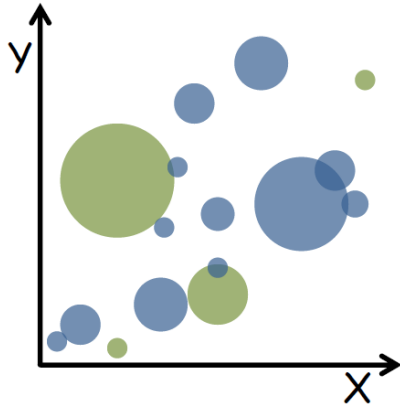
Statistical Plot Map



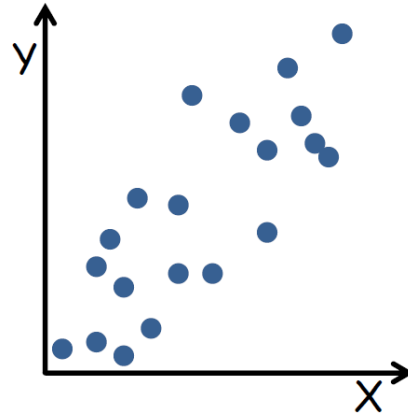
Point

Scatter Plot

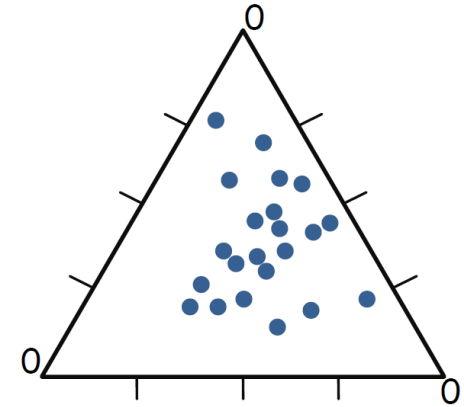
Bubble Chart



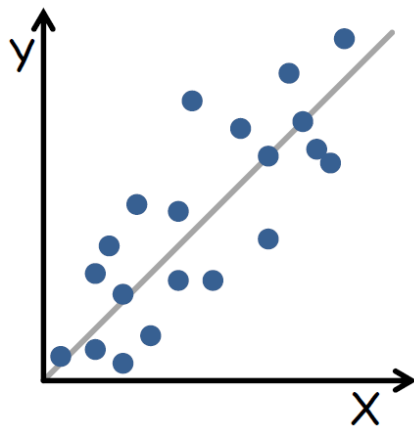
Scatter Plot



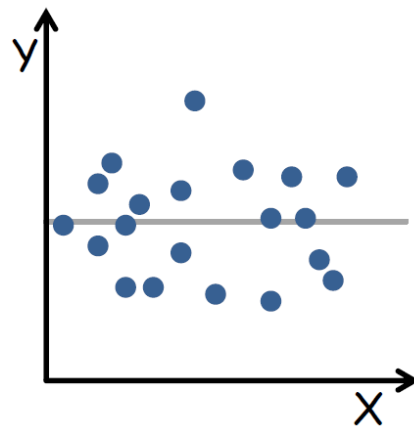
Trilinear Scatter Plot



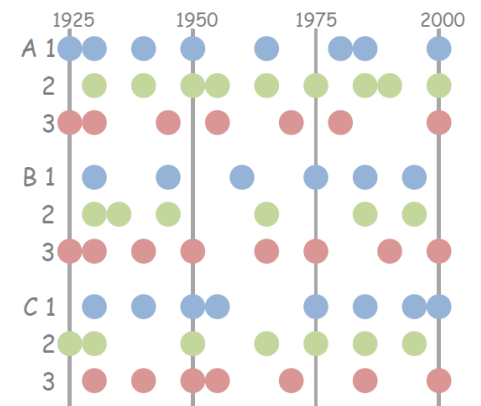
Trend Line



Residual Graph



Dot Plot



Table

Table

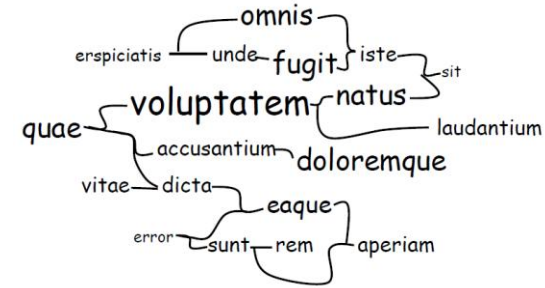
ABC	1234	X45
Category	543.2109	7%
Group	45.67	45%
Unit	9876	98%
Class	123.78	12%

Text Chart

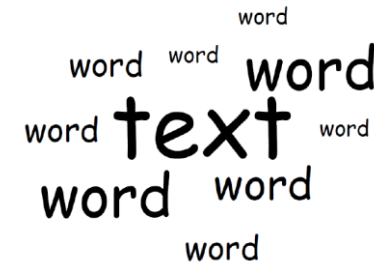
<p><i>Title</i></p> <ul style="list-style-type: none"> •Sed dignissim vehicula •Nisl quis congue •Sed vitae rhoncus odio •Integer at odio 	<p>Heading 1</p> <p>"Nunc aliquam turpis at tellus varius hendrerit. Ut nec magna tortor. Proin adipiscing dolor eget odio semper ut commodo lacus imperdiet."</p> <p>- Lorem</p>
<p>Heading 2</p> <p>Aenean tincidunt sem vel massa cursus non tempus quam auctor. In nisi mi, commodo sit.</p> <p>Amet rutrum vitae, fringilla non urna. Quisque sagittis ultrices sapien, quis posuere massa interdum quis.</p>	<p><i>Heading 3</i></p> <ul style="list-style-type: none"> ✓ Chart 1 ✓ Chart 2 ✓ Chart 3 ✓ Chart 4

Text Based

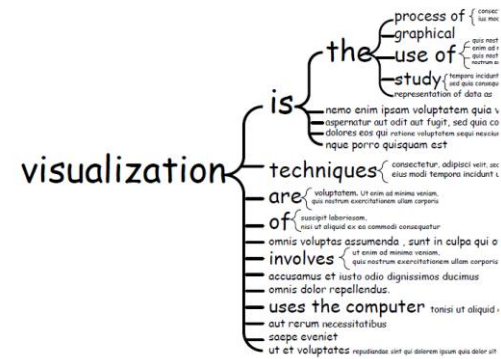
Phrase Net



Word Cloud



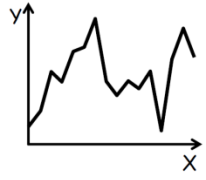
Word Tree



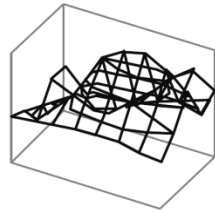
Properties

Dimensionality

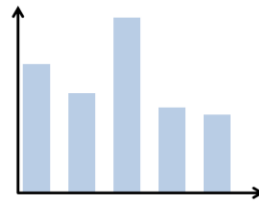
2D



3D



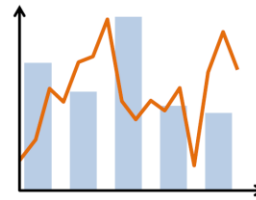
Single



Multiplicity

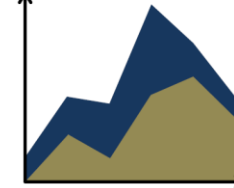
Multiple

Combination

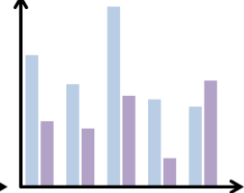


Grouped

Stacked Area Chart

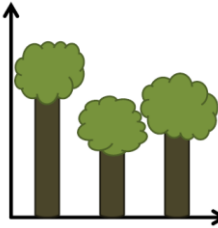


Grouped Bar Chart



Pictorial

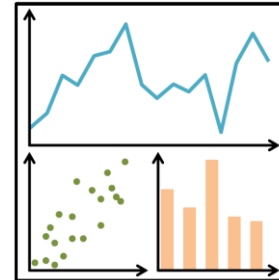
Pictorial Bar Chart



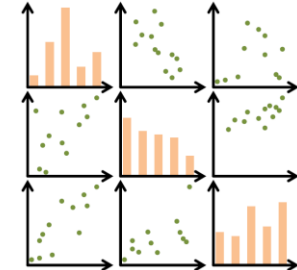
Pictorial Unit Chart



Multipanel

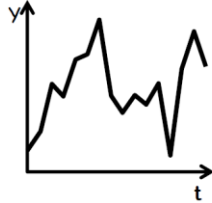


Small Multiples

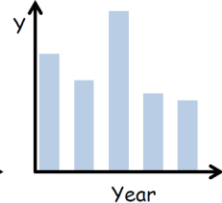


Time Component

Time Series



Bar Chart with Time



Timeline

