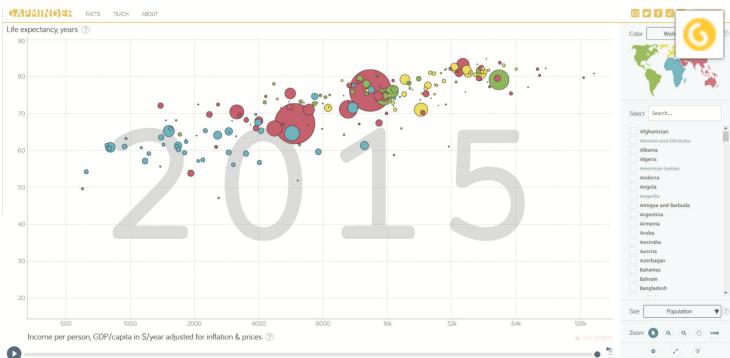


Construction Kit

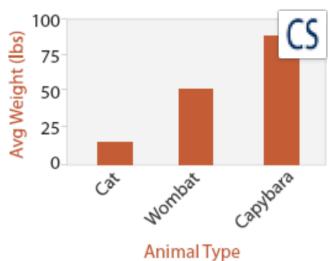
Reverse Engineering with the whole group

Scatterplot



WHAT: two quantitative value for x + y axis (bi-variate),
also suitable for multivariate data including other visual variables

WHY: Find trends and outliers, see distributions and correlations, locate clusters



WHAT: univariate data structure: one quantitative value and one categorical attribute as key attribute

WHY: compare and identify values

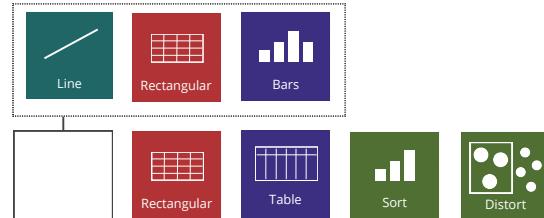


Table-based Visualizations

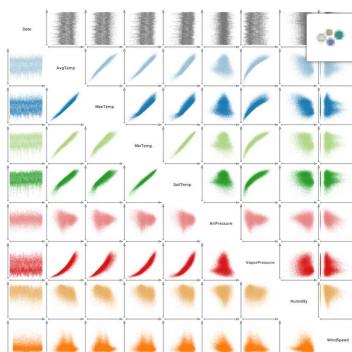


WHAT: multivariate data with ordered attributes

WHY: detect correlations, outliers and clusters

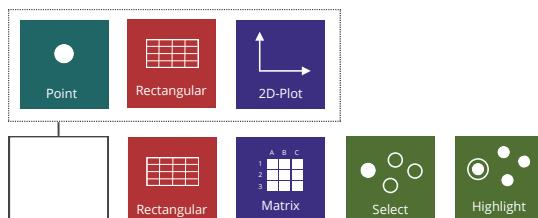


Combined bi-variate Visualizations

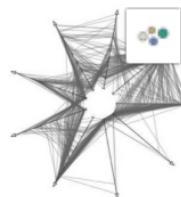
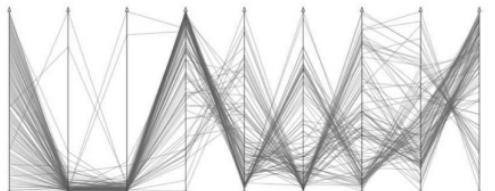


WHAT: multivariate data with quantitative attributes

WHY: detect correlations, outliers and clusters



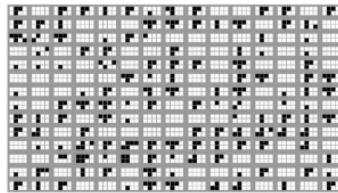
Polyline-based Visualizations



WHAT: multivariate data with quantitative attributes

WHY: detect correlations, outliers and clusters

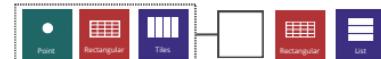
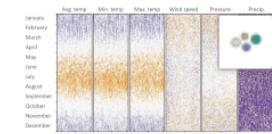
Glyph-based Visualizations



WHAT: multivariate data with different attributes

WHY: Overview of distribution of properties, comparison

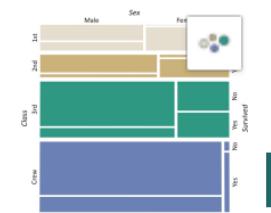
Pixel-based Visualizations



WHAT: multivariate data with ordered attributes

WHY: Overview of distributions in large data sets

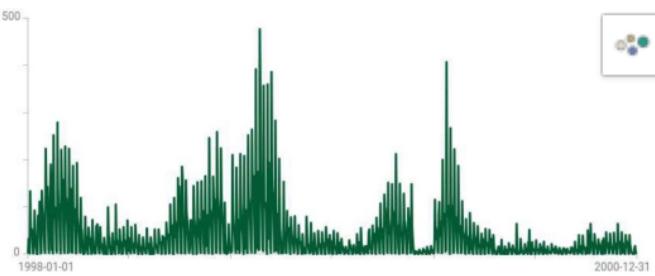
Nested Visualizations



WHAT: multivariate data with categorical attributes and quantitative measures

WHY: Overview of distributions

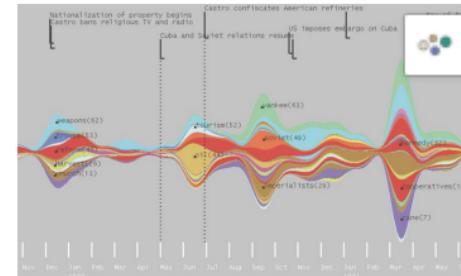
Line-Plot



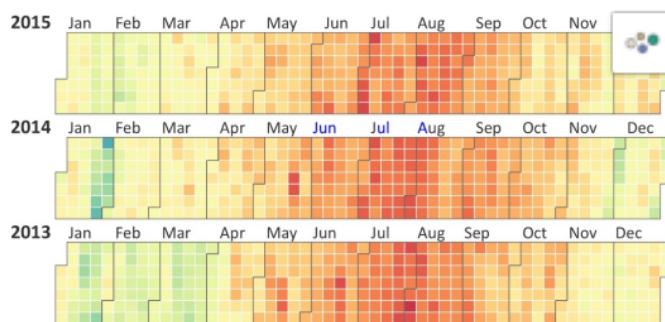
Spiral Plot



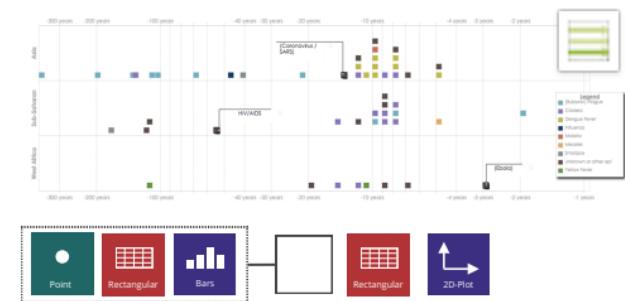
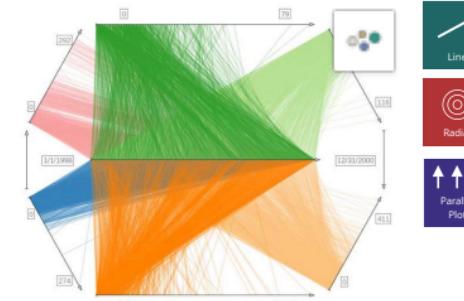
Theme River



Colored Calendar Vis



Time Wheel





Point



Line



Area



Volume



ABC



Text



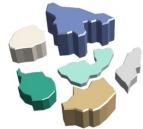
Image



Icon



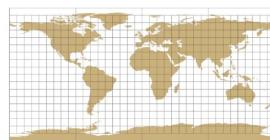
Glyph



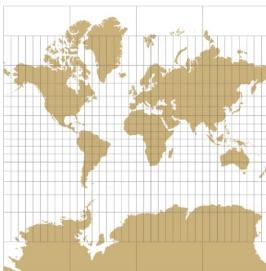
...

Map Projections

W en.wikipedia.org

List of map projections
- Wikipedia

Equirectangular



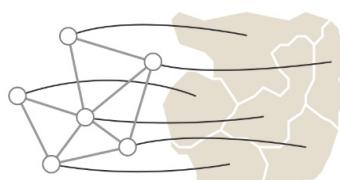
Mercator



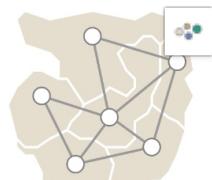
Natural Earth



Visualisierung



Indirect Visualization



Direct Visualization

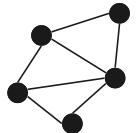


Superimposed

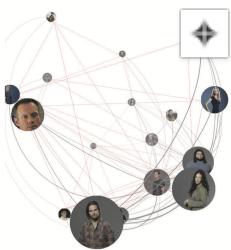


Juxtaposed

Network



Example



Image



Radial



Node-Link

Hierarchy



Node-Link



Nested



Partitioned



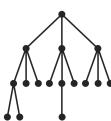
Indented



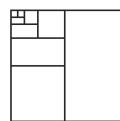
Rectangular



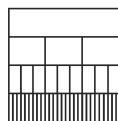
Triangular



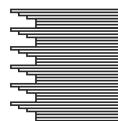
Node-Link



Treemap



Icicle Tree



Indented Outline



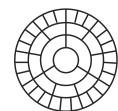
Radial



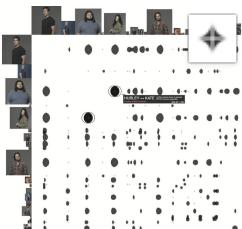
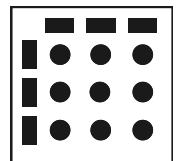
Radial Node-Link



Nested Circles



Sunburst



Glyph



Rectangular



Matrix