



from Data to Viz

From Data to Viz leads you to the most appropriate graph for your data. It links to the code to build it and lists common caveats you should avoid.

EXPLORE

What kind of data do you have? Pick the main type using the buttons below. Then let the decision tree guide you toward your graphic possibilities.

Numeric

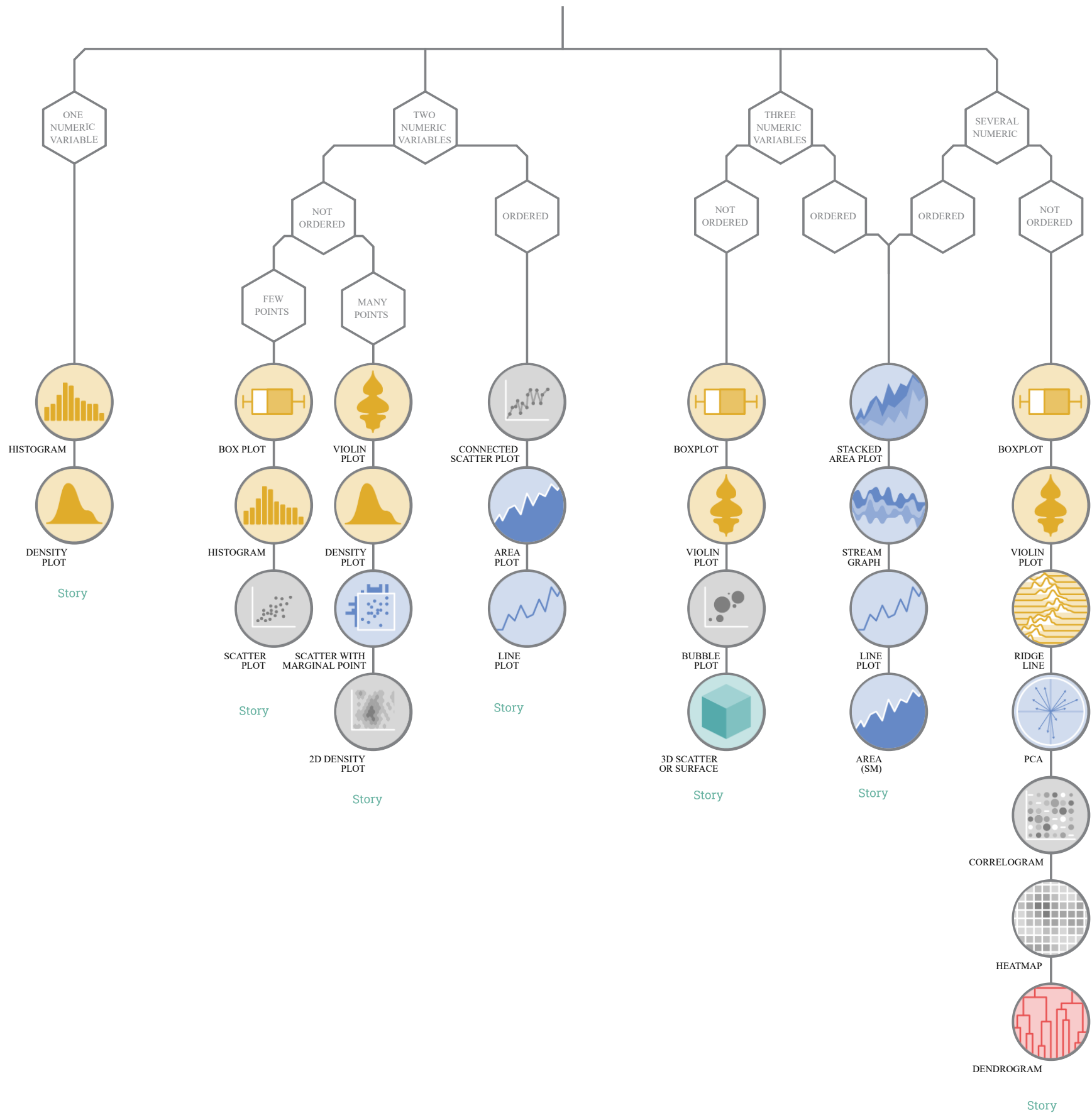
Categoric

Num & Cat

Maps

Network

Time series



DATA STORY

From Data to Viz provides a decision tree based on input data format. This tree leads to twenty formats representing the most common dataset types. For each, an example of analysis based on real-life data is provided using the

A WORLD OF POSSIBILITIES

Here is an overview of all the graph types presented in this website.

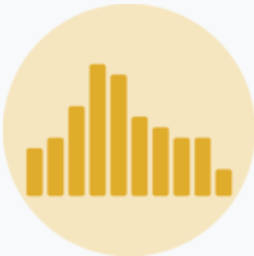
- Show all
- Distribution
- Correlation
- Ranking
- Part of a whole
- Evolution
- Map
- Flow



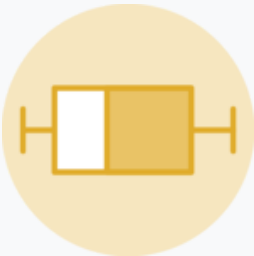
Violin



Density



Histogram



Boxplot



Ridgeline



Scatter



Heatmap



Correlogram



Bubble



Connected scatter



Density 2d



Barplot



Spider / Radar



Wordcloud



Parallel



Lollipop



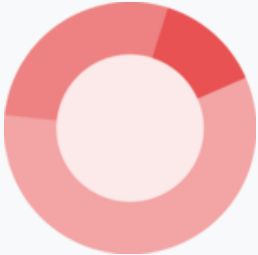
Circular Barplot



Treemap



Venn diagram



Doughnut



Pie chart



Dendrogram



Circular packing



Sunburst



Line plot



Area



Stacked area



Streamchart



Map



Choropleth



Hexbin map



Cartogram



Connection



Bubble map



Chord diagram



Network



Sankey



Arc diagram



Edge bundling

CAVEATS

The best way to visualize data efficiently is probably to avoid the most common mistakes.

From Data to Viz offers you a [gallery of common caveats](#).



Order your data

When displaying the value of several entities, ordering it makes it way more insightful.



To cut or not to cut?

Cutting the Y axis is one of the most controversial practices in data viz. See why.



The spaghetti chart

A line graph with too many lines becomes unreadable: it is called a spaghetti graph.



Pie chart

The human eye is bad at reading angles. See how to replace the most criticized chart ever.

SEE THE COLLECTION

POSTER

The 'Data to Viz' project is available in a high quality printed poster. See our [online shop](#) to support the project.



BUY A POSTER

SEE IT FULL SCREEN

ABOUT THE PROJECT

'From Data to Viz' is a classification of chart types based on input data format. It comes in the form of a decision tree leading to a set of potentially appropriate visualizations to represent your dataset. [Read more](#).

TOOLS

ACKNOWLEDGMENT

HISTORY

FEEDBACK

This website has been developed by two friends from the south of France in their spare time. Feel free to [drop us a word](#) if the project helped you or for any feedback. Or even better, hire us!



Yan Holtz

Data analyst



Conor Healy

Designer



CONTACT

From Data to Viz is currently in beta version and any feedback is highly encouraged. You can open an issue on [Github](#), drop us a message on [Twitter](#), or send us an email at yan.holtz.data@gmail.com.

