

An additional gallery

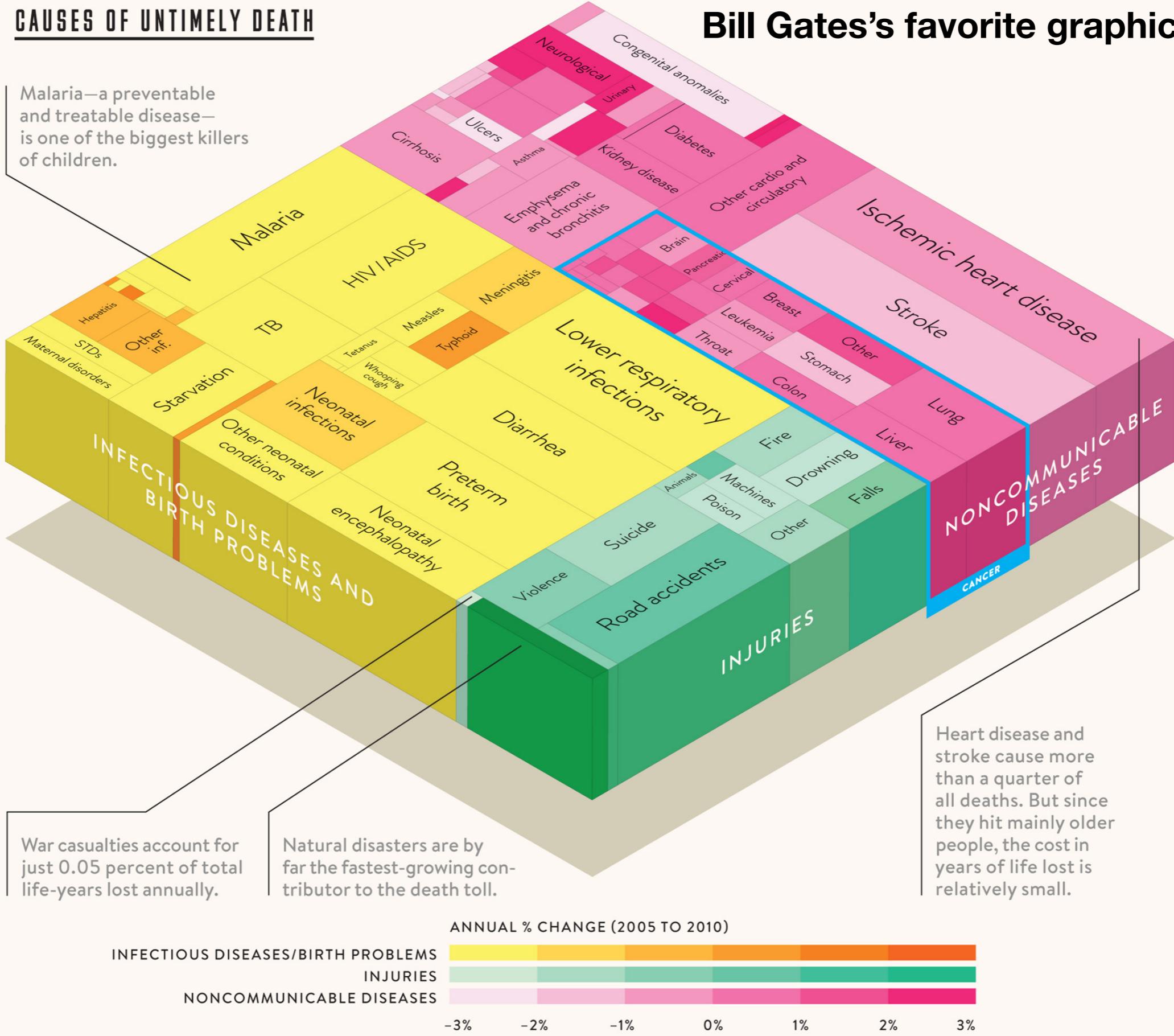
of visualizations for you to decompose and dissect.

What data? What graphics? What audience?
Do they work?

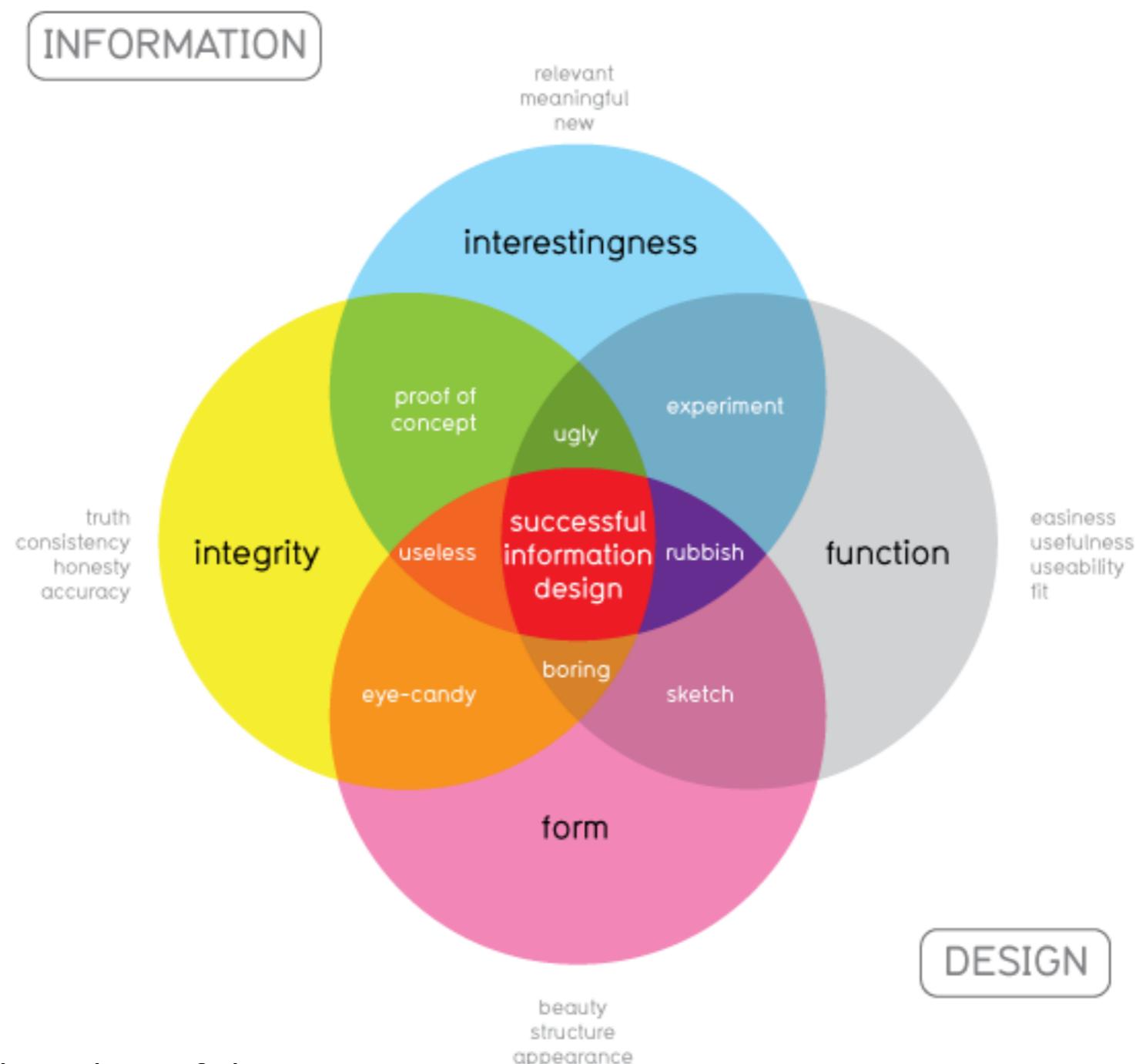
W200 Python for Data Science (Week 12)

CAUSES OF UNTIMELY DEATH

Bill Gates's favorite graphic



What Makes Good Information Design?



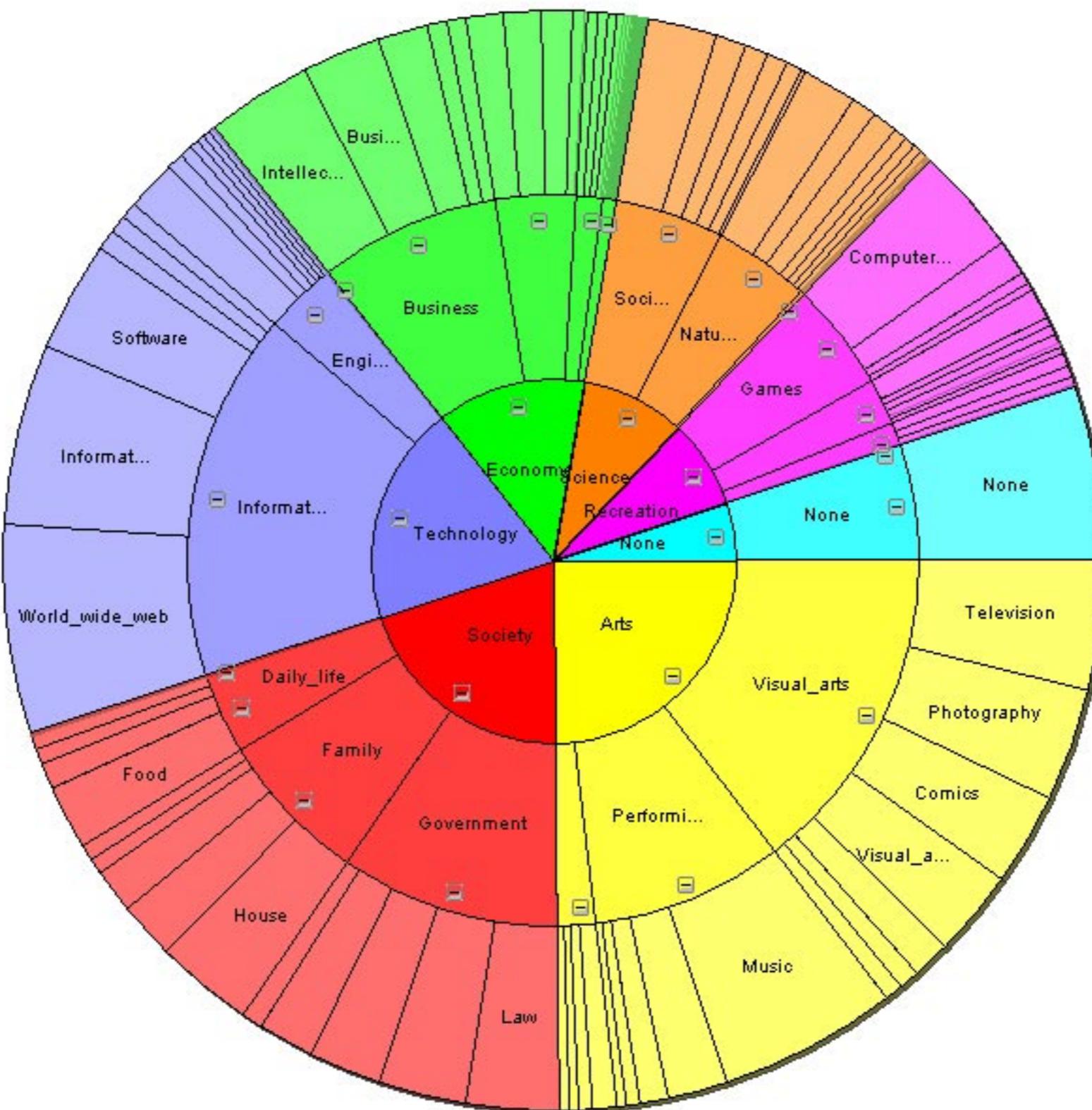
partially good and useful
partially “huh?” “Ugly”, “boring”?

What does this graph say to you?

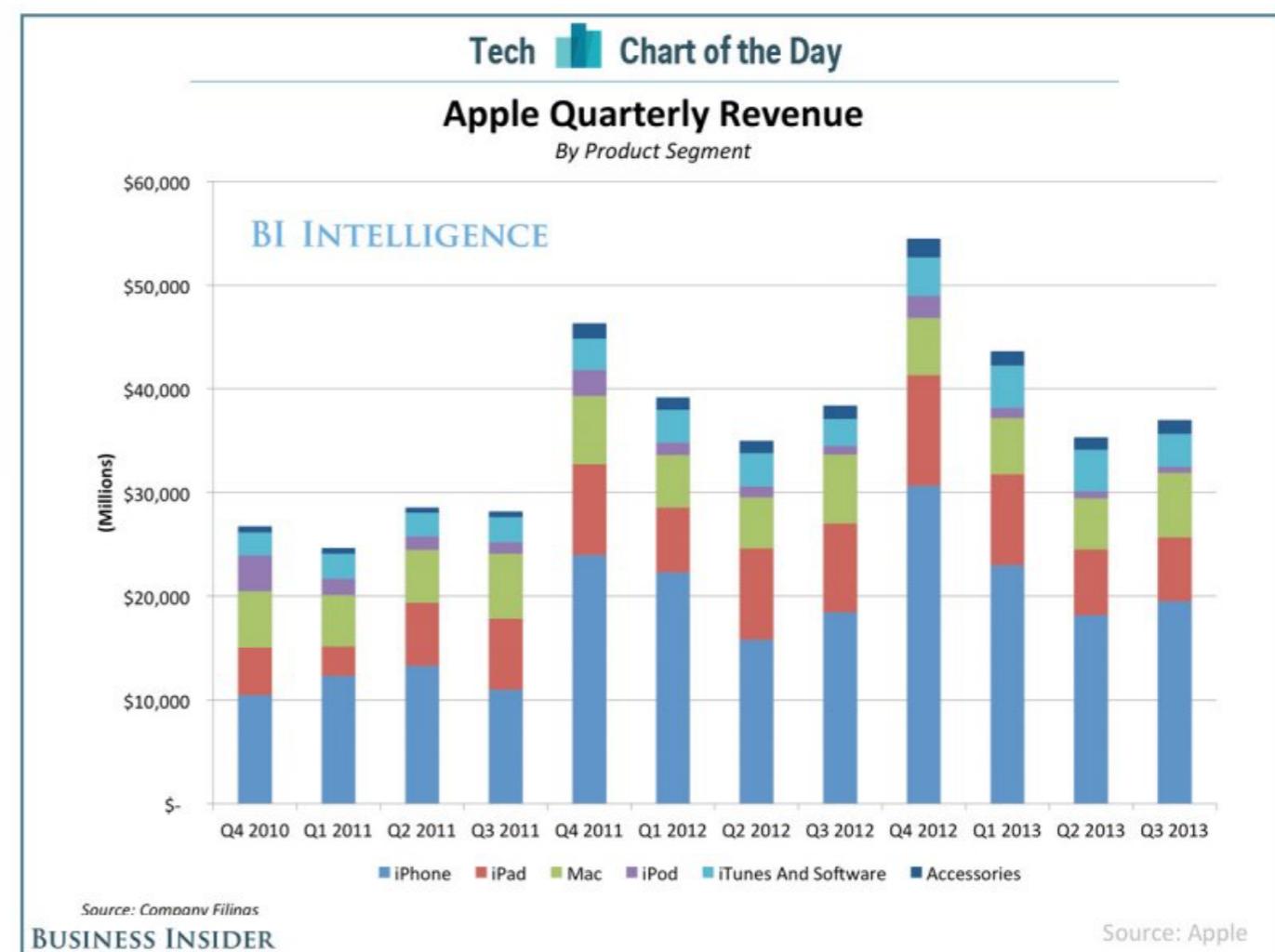
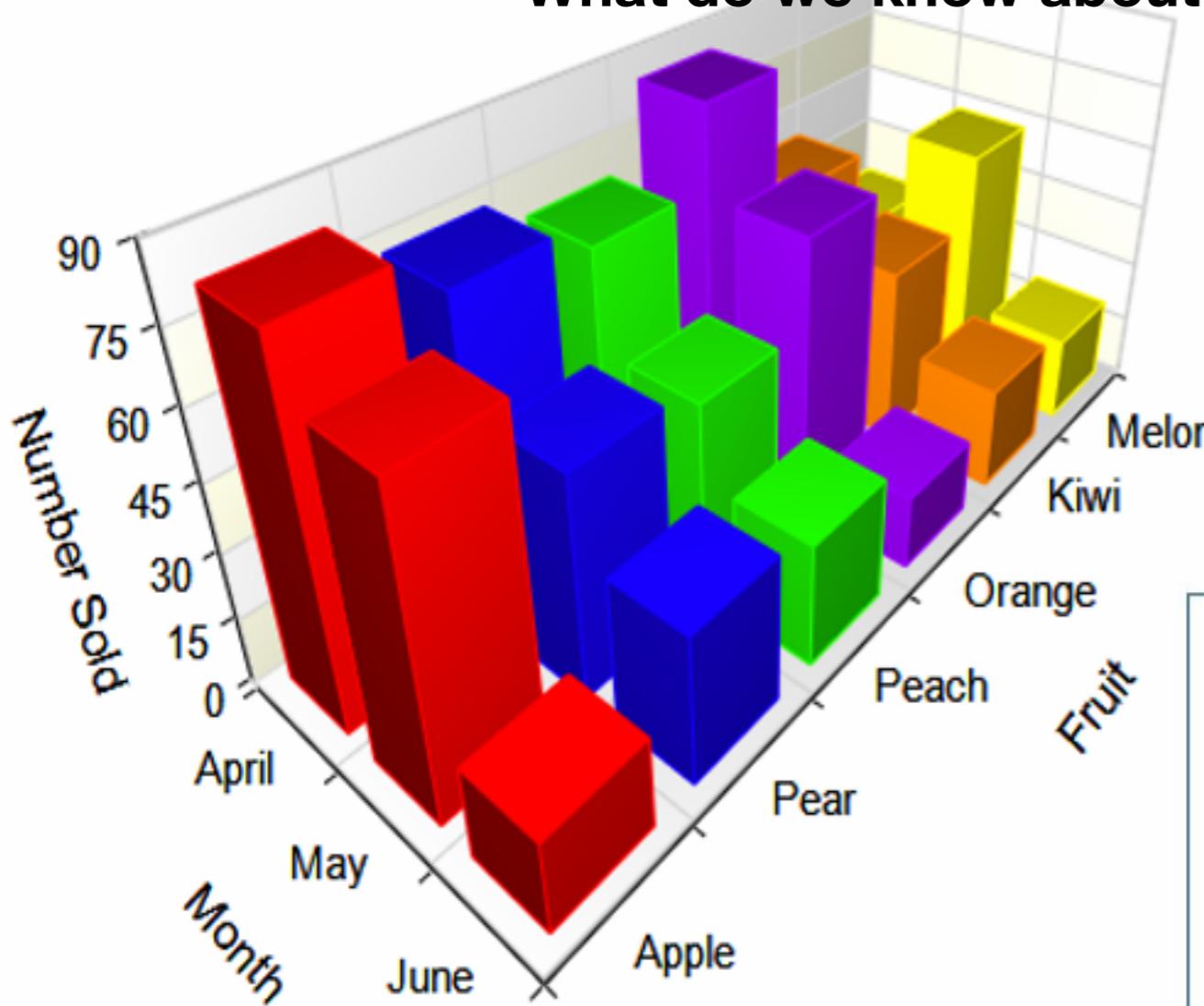
What kind of data?

Useful or useless?

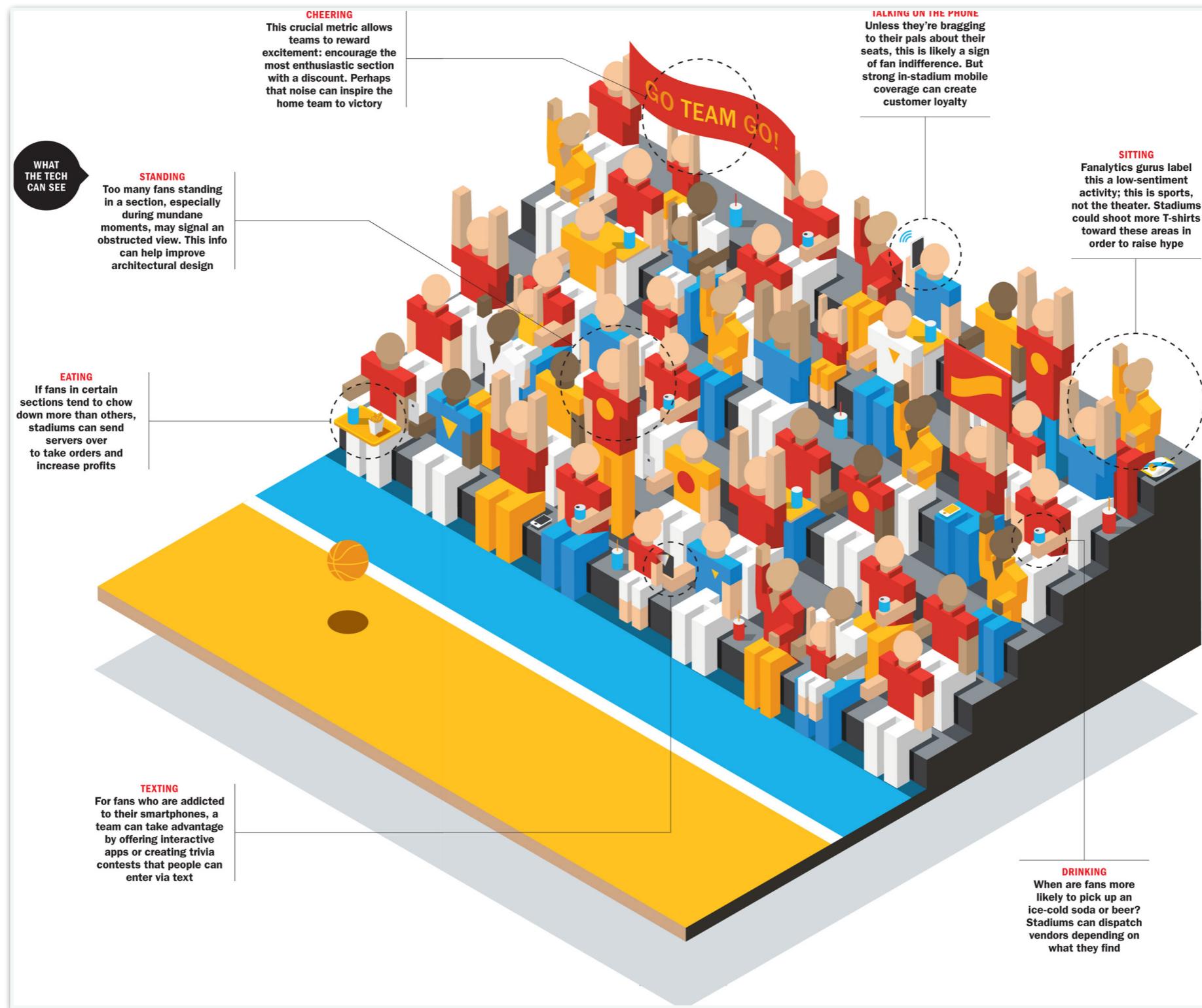
Boing Boing Radial Treemap for Topics



A 3d Bar Chart that all spreadsheet programs create. What do we know about kikis and melons in April?



is the alternative “better”?



This graphic is from a professional journal (Int Assoc of Venue Managers) - does this graphic suggest to you who and why stadiums are filled?



This is an example of an
“information graphic” - a
 static, heavily-imaged and text-full timeline.

Imagine your client presented you with this design.

Break down the data sources, the iconography (images and pix), the background colors... think about legibility.

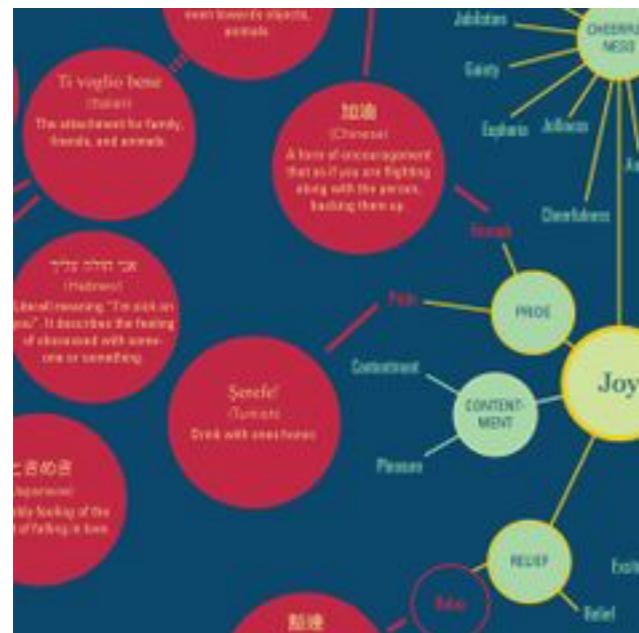
What kind of output device is needed to make this useful? [Seems to need a full-sized newspaper printout!]

<https://infographiclist.com/2012/02/03/bill-gates-steve-jobs-battle-of-the-two-computer-geeks-infographic/>

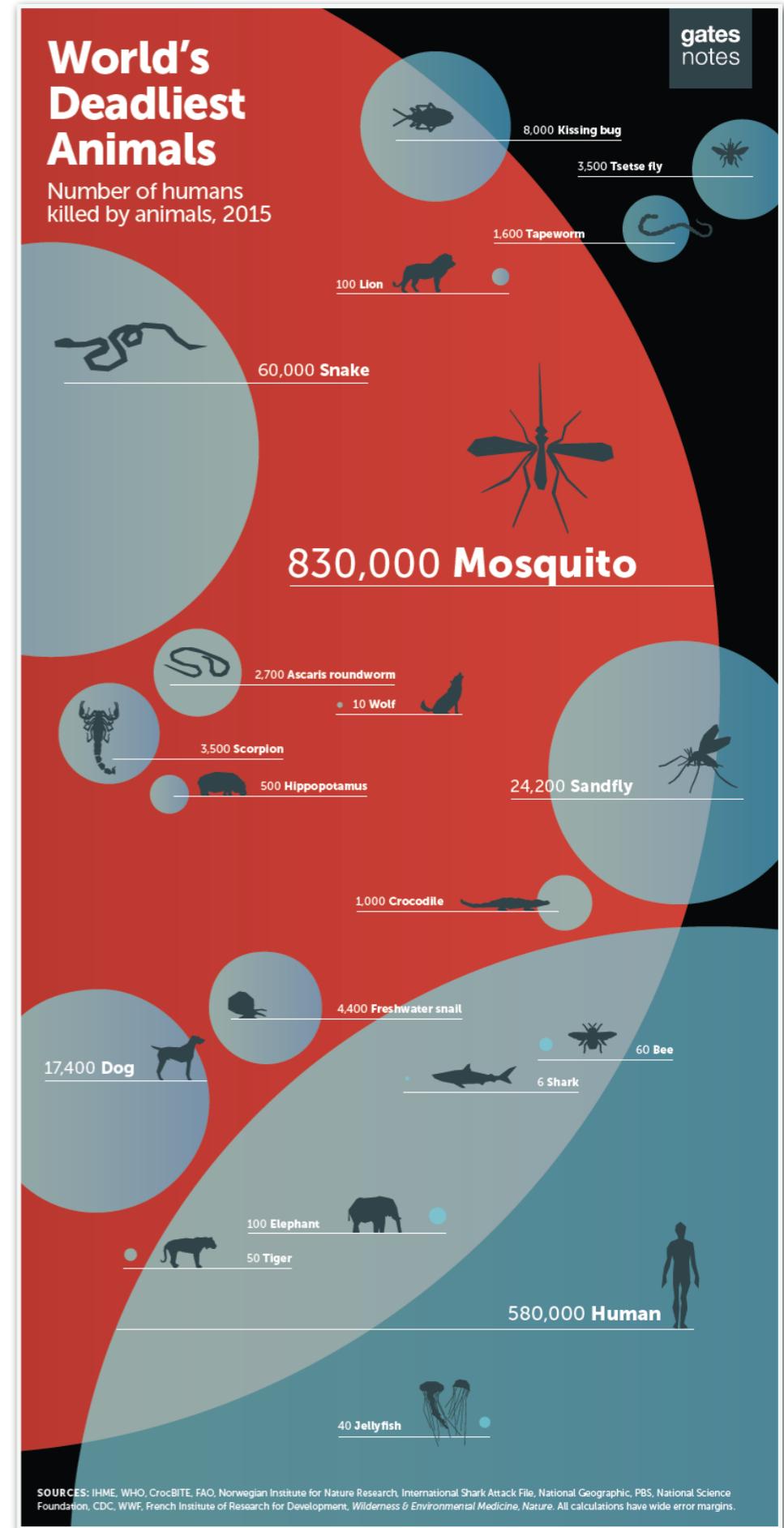
Another “information graphic”

The color-scheme and iconography is interesting - very “poster” style; the icons are realistic, representing exactly what they reference.

Fonts? Too small.

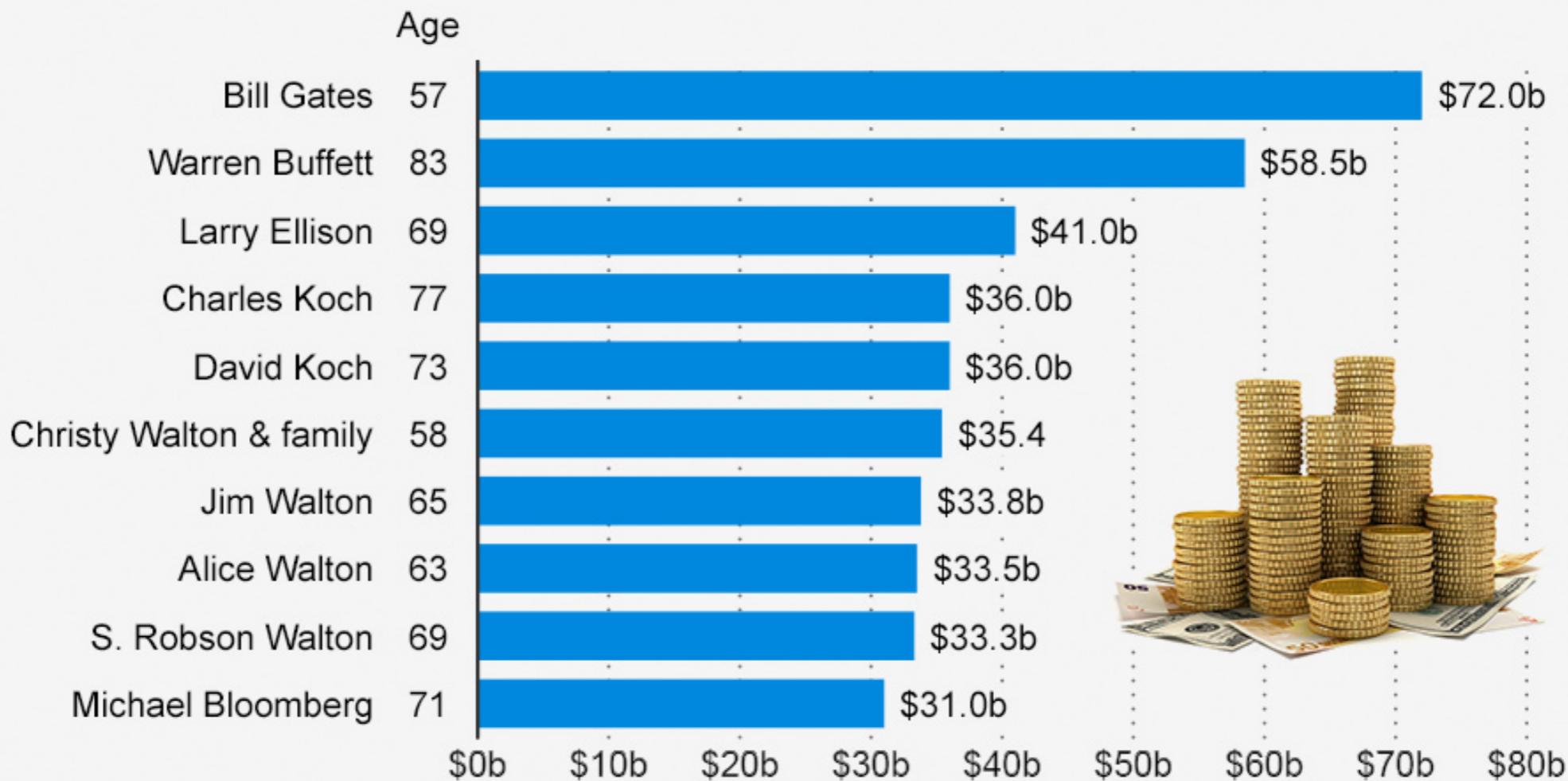


This is a “force-directed” graph ... similar color scheme but with nodes (the circles) and edges (the degree and type of relationship).



Bill Gates is Still America's Richest Man By Far

The richest people in the United States in 2013

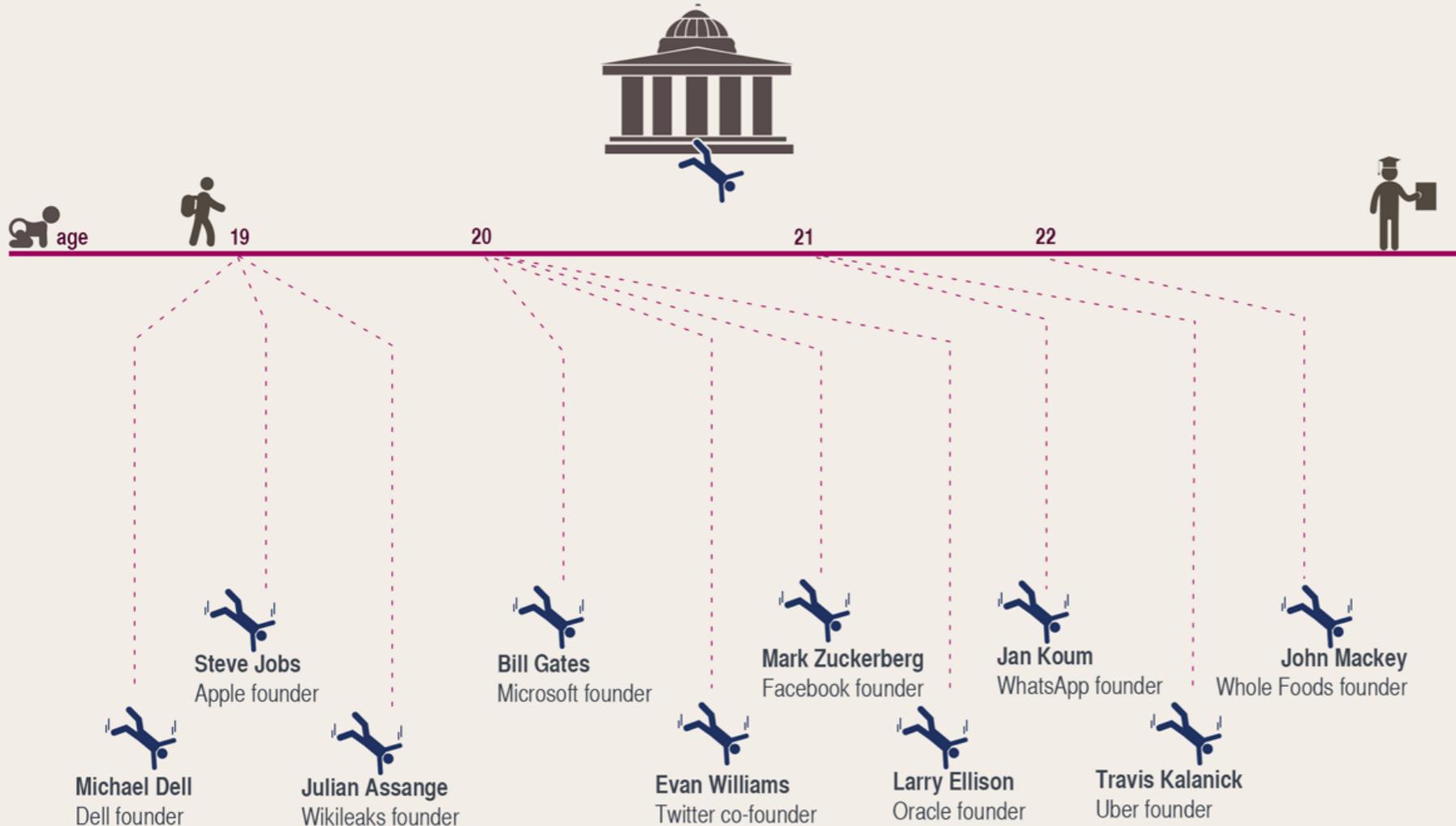


Not a “bad” graphic - the data are unambiguous, bar colors reflect the same thing (wealth) hence the same color; values are equal; legible. The pile of coins is a visual metaphor for wealth, but we don’t use gold coins anymore...

LEARNING WITHOUT SCHOOL

ENTREPRENEURS WHO DROPPED OUT OF COLLEGE

by Anna Vital



I HAVE
NEVER LET SCHOOL
INTERFERE WITH MY EDUCATION.

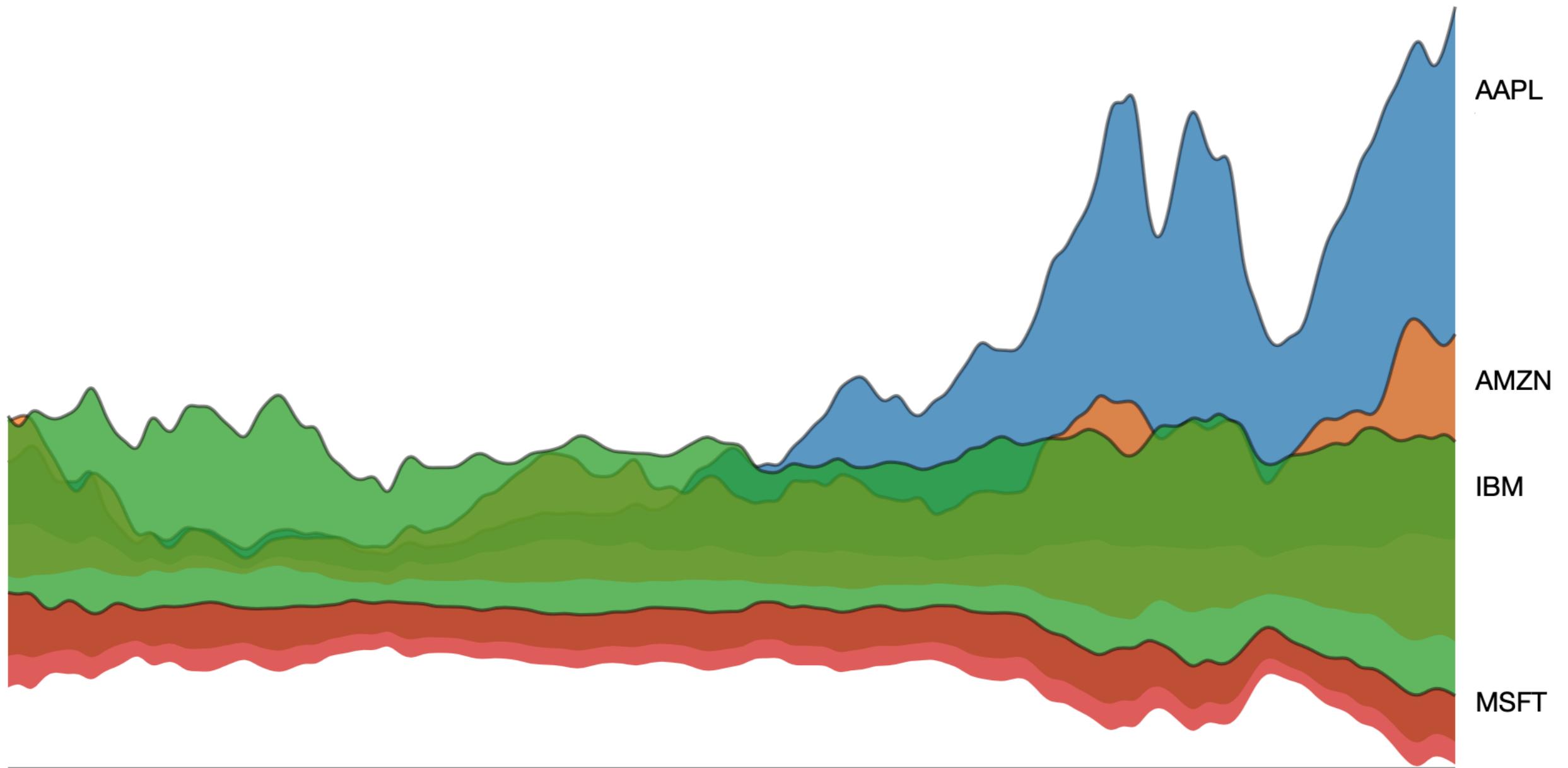
Mark Twain

Funders and Founders

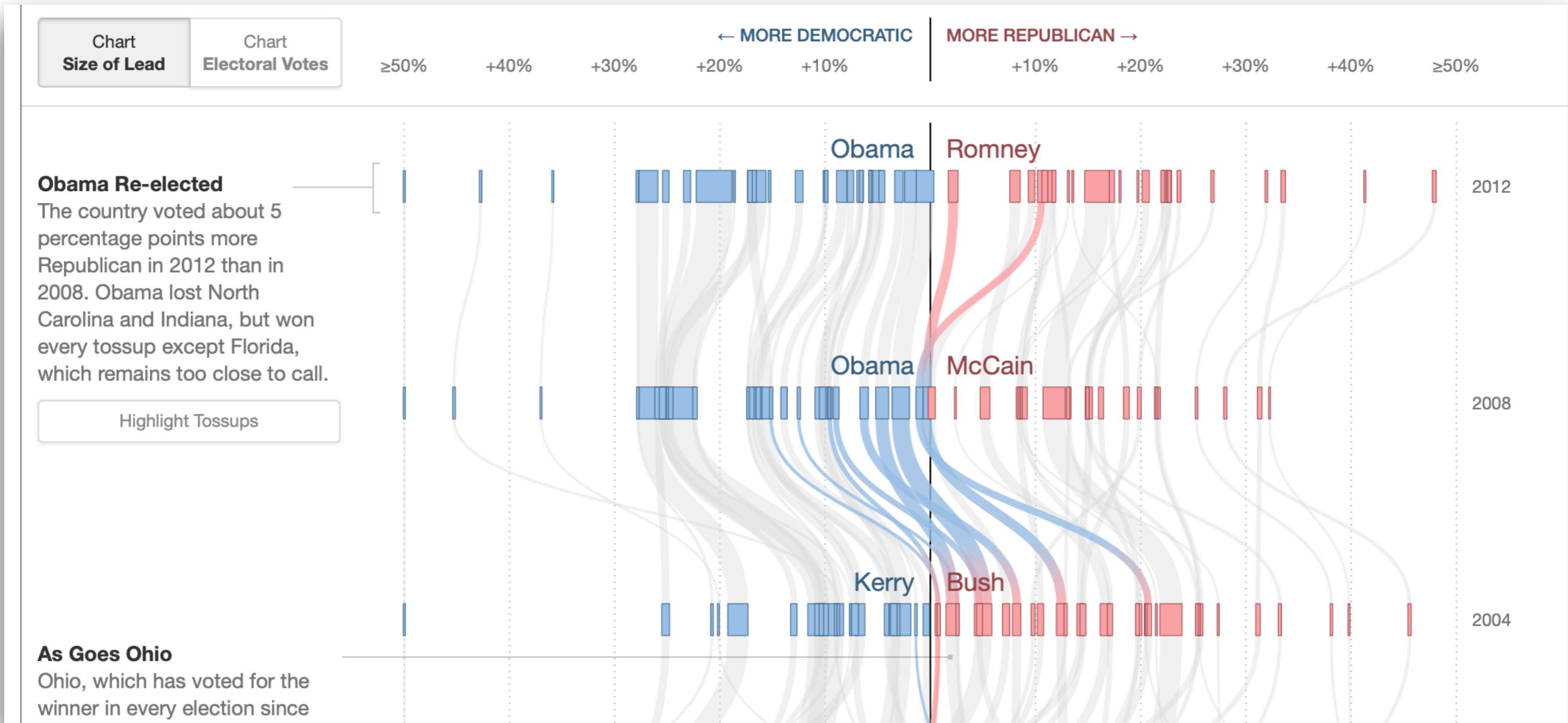
This is a bad graphic.
why?

Check out <https://d3js.org> for lots of good graphics, interactivity, and samples.

D3 Show Reel



<https://bl.ocks.org/mbostock/1256572> is an animated demo. Easy to use, too.



Great interactive information visualization demonstrating appropriate color use, text, interactive end-user controls (that change the presentation of data in real time). By Mike Bostock - the creator of d3.js [and Stanford buddy of Jeff Herr and Tamara Muntzner - the biggest names in info vis right now].

Wanna learn more?

- Make a careful search online comparing the results for
 - “data visualization”
 - “information visualization”
 - “interactive information visualization”
 - “information graphics”
 - “plotting data”

or ask your instructors! Keep going!