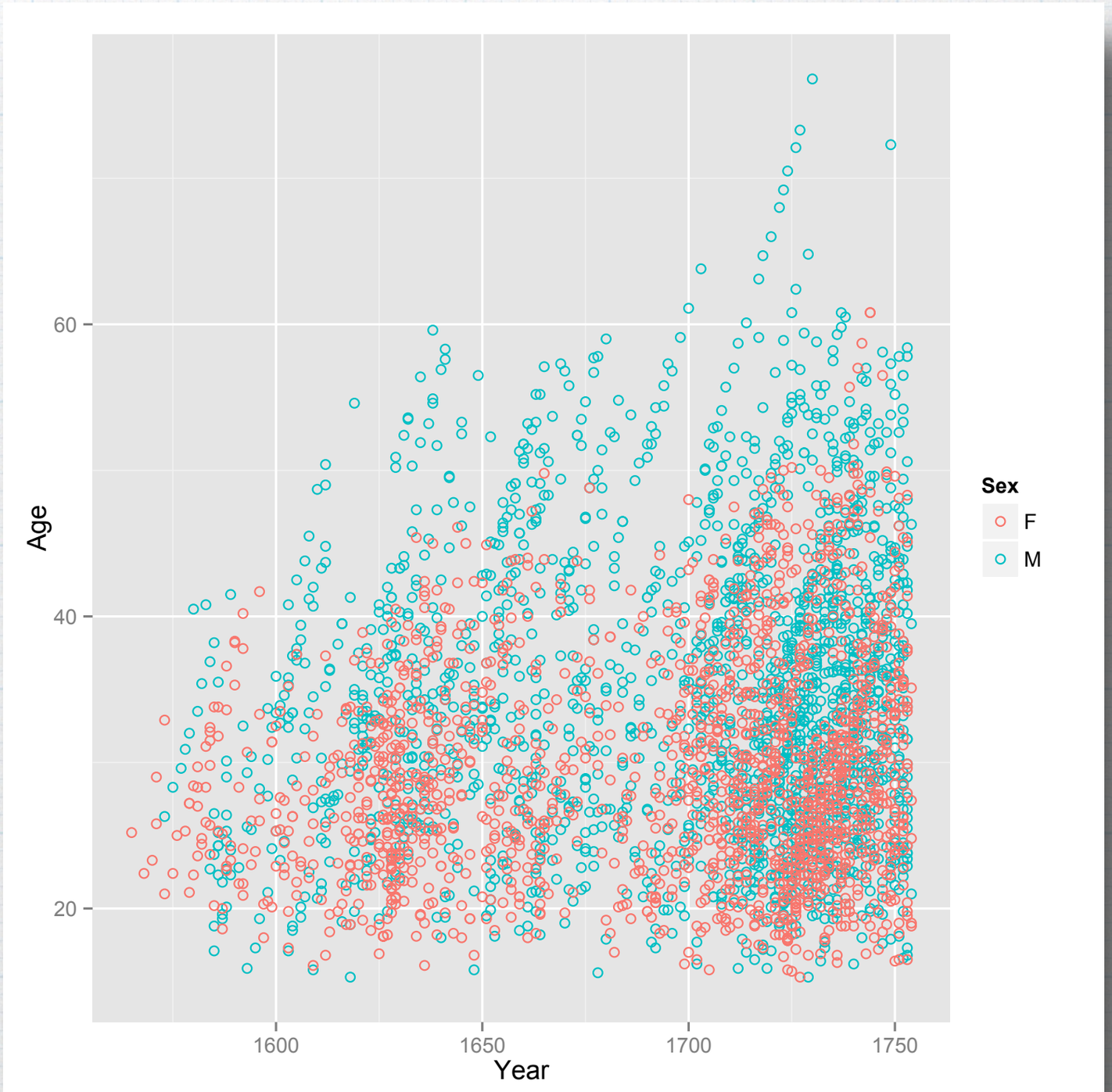
DATAVIZ INTRO

Where are we going?

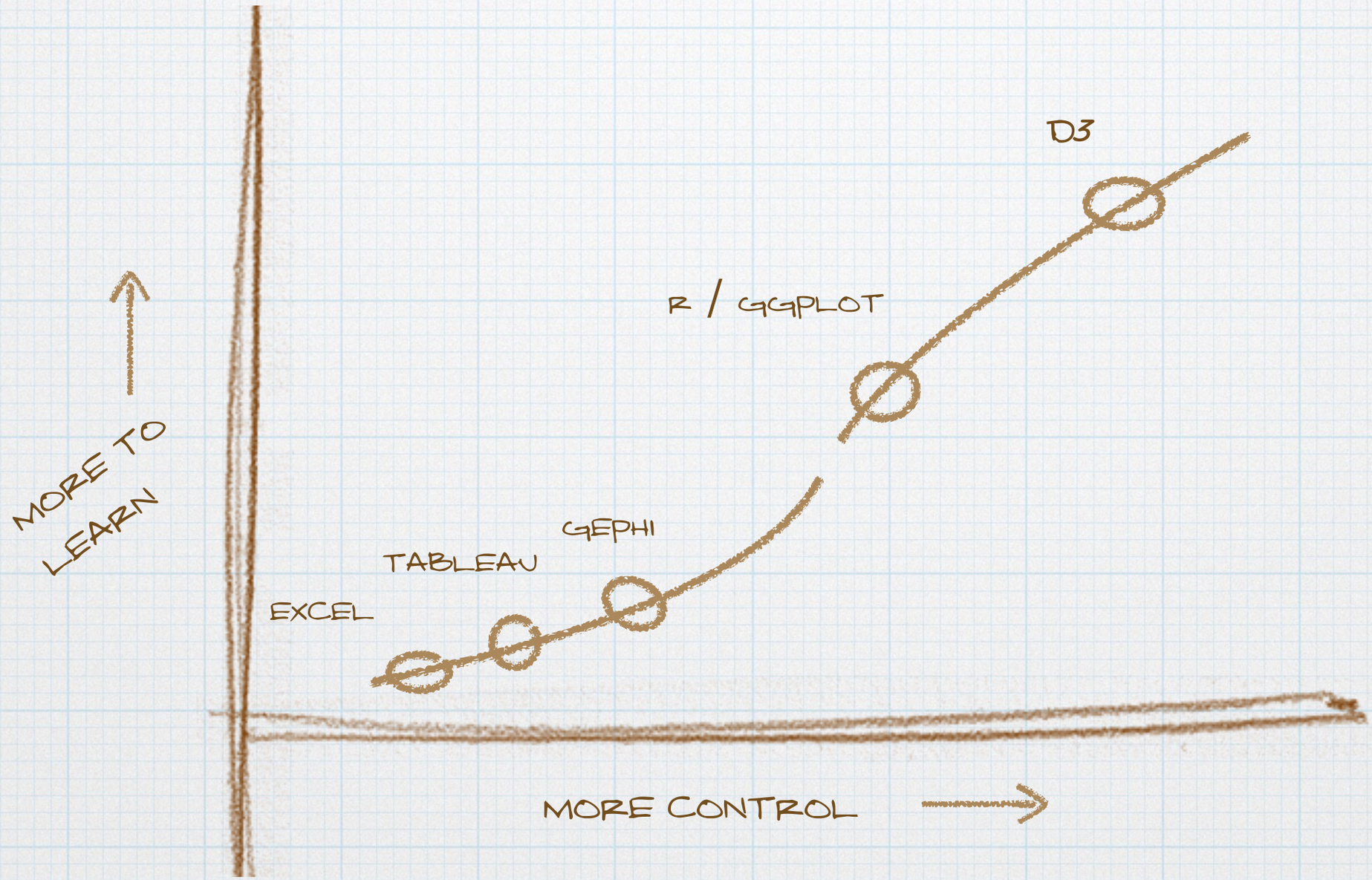
DATA VS VIZ

fathers

Year	Age
1573	26.3
1575	28.3
1577	29.6
1578	30.9
1579	32.0
1580	40.5
1581	33.5
1582	35.4
1583	40.8
1584	22.7
1584	36.9
1585	17.1
1585	18.8
1585	23.7
1585	26.5
1585	38.2

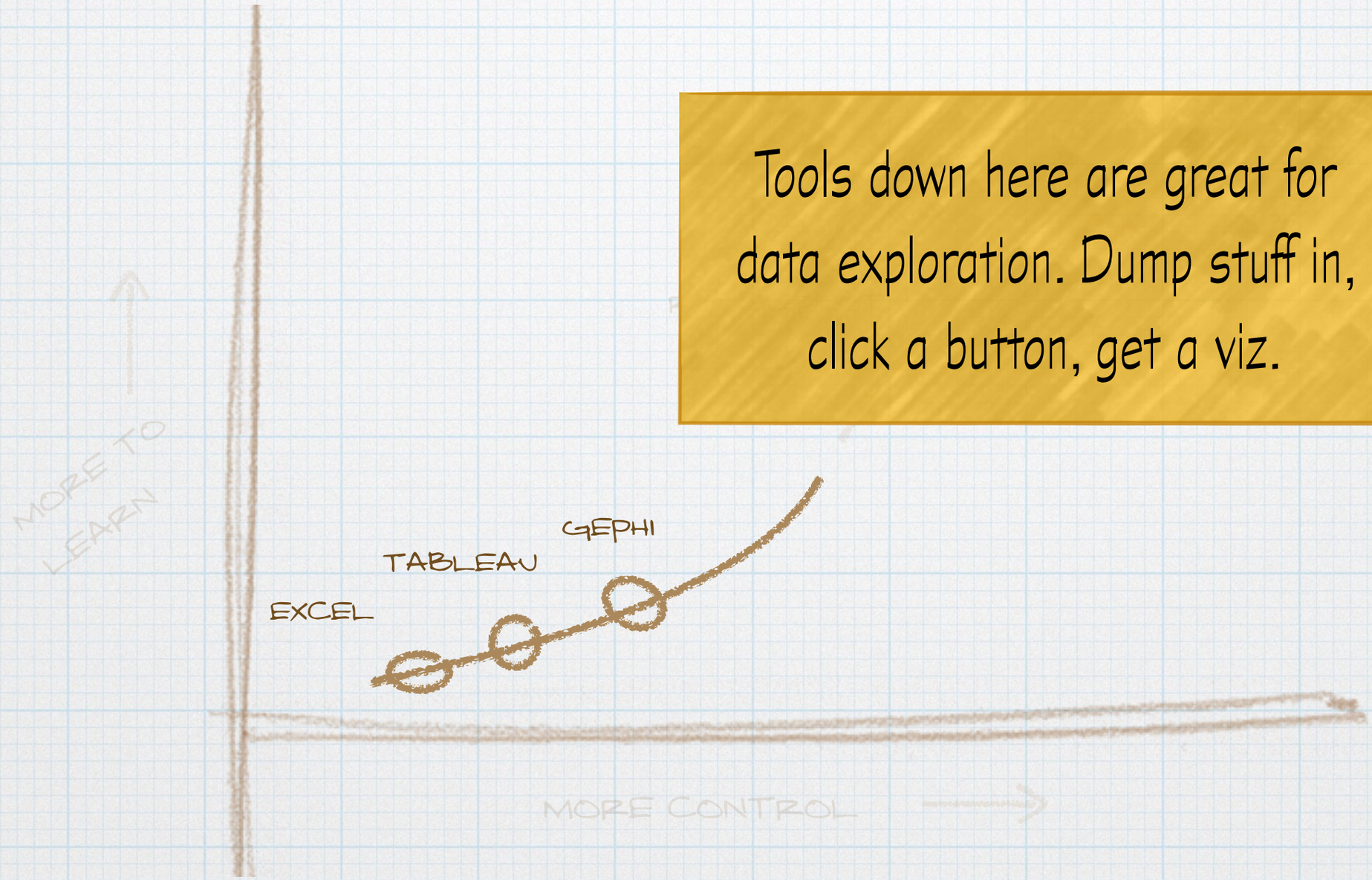


DATAVIZ TOOLS

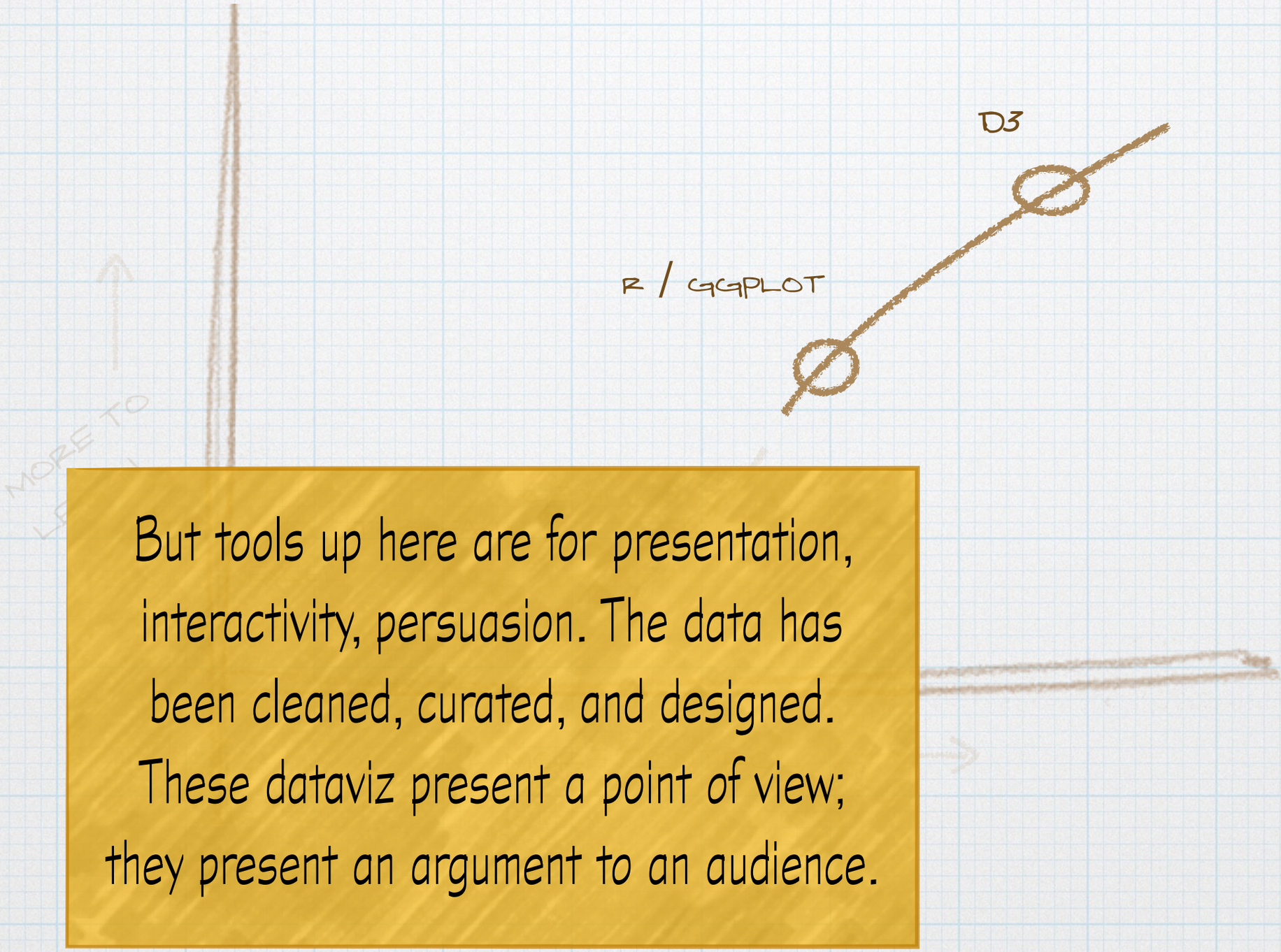


DATAVIZ TOOLS

Tools down here are great for data exploration. Dump stuff in, click a button, get a viz.

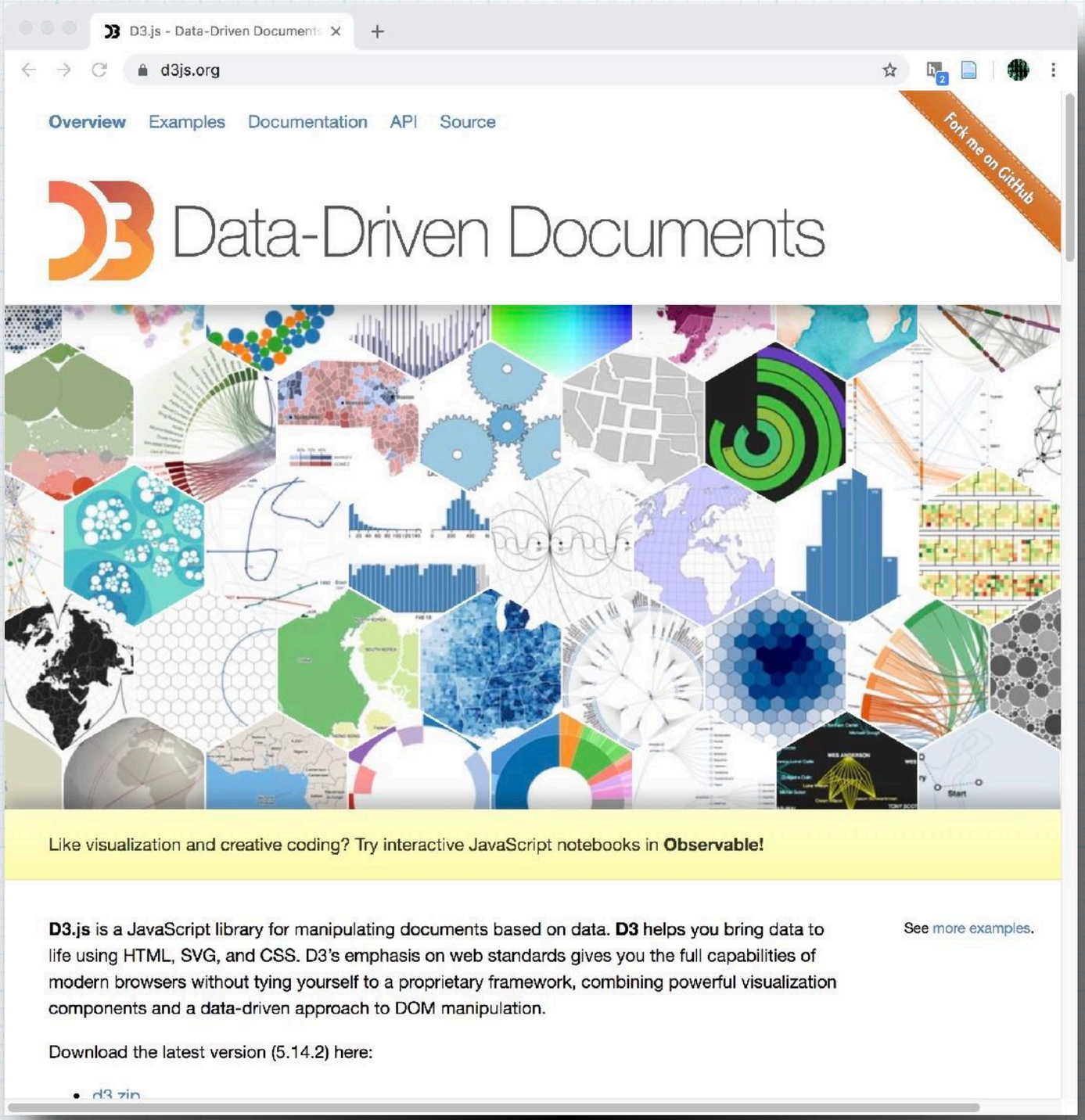


DATAVIZ TOOLS



But tools up here are for presentation, interactivity, persuasion. The data has been cleaned, curated, and designed. These dataviz present a point of view; they present an argument to an audience.

DATA DRIVEN DOCUMENTS



I put D3 pretty high on the chart because it's the coolest dataviz tool around. But it also has the most moving parts. To use it effectively, we have to learn:

- HyperText Markup Language
- Cascading StyleSheets
- Scalable Vector Graphics
- Javascript
- The DOM Tree & Events
- The D3 Library

That's a lot of balls to juggle. Our tour will be pretty fast and we won't have time to dive deep into all the intricacies of, say, HTML or CSS.

But our goal is to understand the basics of D3 well enough so that you can modify and customize any D3 layout that exists.