

What is D3.js?

Mollie Pettit • @MollzMP

What

is

D3.js?

What is D3?

Does anybody know what D3 stands for?

Data- —————→ - Info we want to visualize

Driven —————→ binds **data** to the

Documents —————→ **documents**

- webpage or web document
- Html, css, javascript, svg, etc.
- DOM (document object model)

What is D3?

Does anybody know what D3 stands for?

Data- use data

Driven to make stuff

Documents on the web

So, D3 is...

A JavaScript library
that makes it easier
to use HTML, SVG, and CSS
to make interactive visualizations
in the browser

When to use D3

When to use D3

**When D3 is a terrible
choice...**

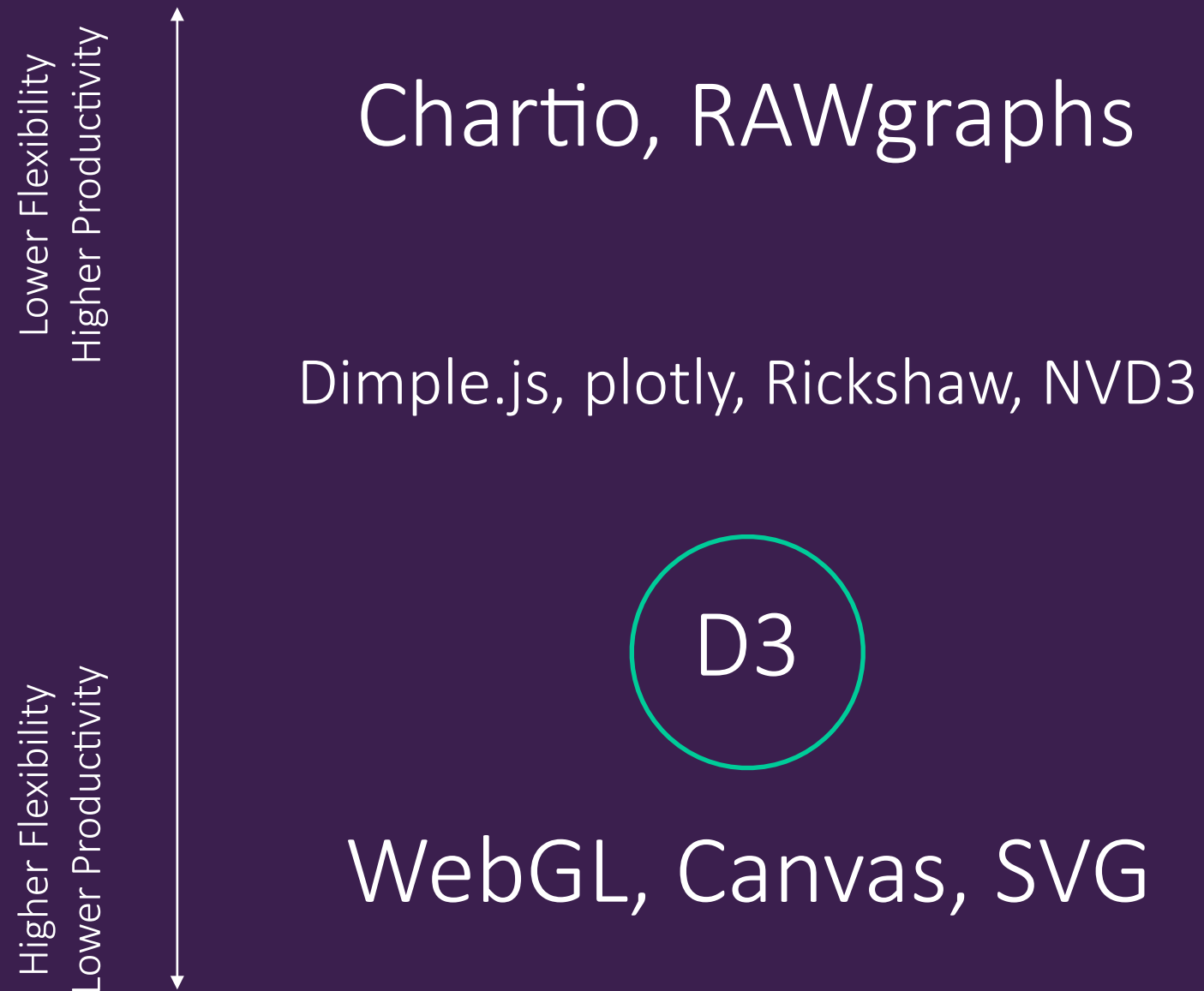
When D3 is a terrible choice...

- quick exploratory data visualizations
- plots that:
 - are static
 - won't need to be updated
 - don't need to be interactive

When D3 is great choice!

- You want to utilize existing web frameworks (HTML, CSS, SVG, etc.) to create plots that:
 - are interactive on the user's end
 - are able to be updated
 - transition in a smooth and polished way
 - support large datasets while still being fast
 - can be fully customized to your needs
 - are easily reused

Data Viz Tool Hierarchy



When D3 is great choice!

- You want to utilize existing web frameworks (HTML, CSS, SVG, etc.) to create plots that:
 - are interactive on the user's end
 - are able to be updated
 - transition in a smooth and polished way
 - support large datasets while still being fast
 - can be fully customized to your needs
 - are easily reused

Questions??
