# custom dataviz with javascript

bit.ly/nicar-25-viz

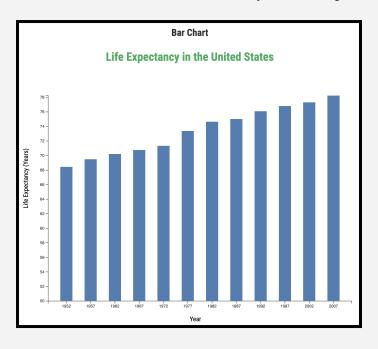


Jovi Dai, San Jose Mercury News & East Bay Times
Yoli Martinez, The Washington Post
Matt Kiefer, Medill School - Northwestern University

## 10:15 - 11:15 a.m.

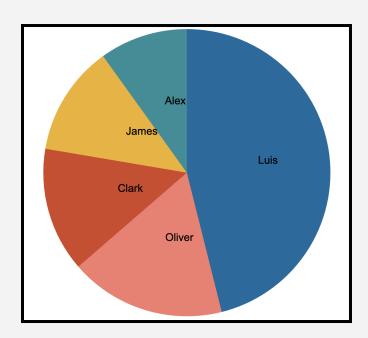
Jovi

## How to visualize life expectancy



<u>Demo</u>

#### <u>Code</u>



Pie chart

\*CSS tipsheet:

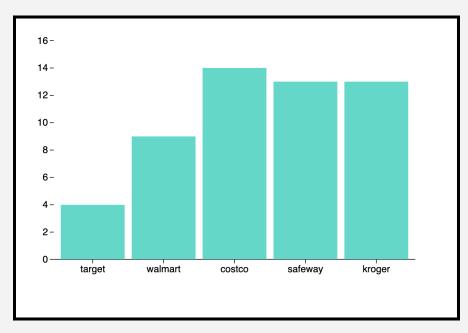
Category	Property	Description	Example
CSS Selectors	*	Selects all elements	* { margin: 0; }
CSS Selectors	element	Selects elements by tag	p { color: red; }
CSS Selectors	.class	Selects elements by class	.box { background: blue; }
CSS Selectors	#id	Selects elements by ID	#header { font-size: 24px; }
CSS Selectors	[attribute]	Selects elements with attribute	[type="text"] { border: 1px solid black; }
CSS How To	Inline CSS	Styles within an element	red;">Hello
CSS How To	Internal CSS	Styles inside <style> in <head></td><td><style> p { color: red; } </style>	
CSS How To	External CSS	Styles in a separate file	<li><li><li>rel="stylesheet" href="styles.css"&gt;</li></li></li>
CSS Comments	/* comment */	Adds a CSS comment	/* This is a comment */

# 11:30 a.m. - 12:30 p.m.

### Yolanda

SVG Shapes: MDN Docs

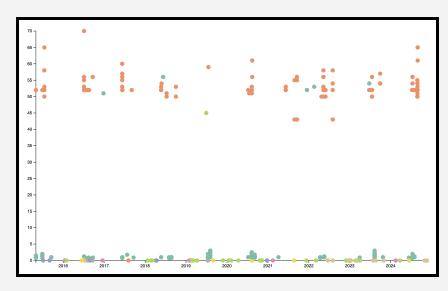
**D3 Documentation** 



**Code** (THIS IS ALL FAKE DATA)

Matt

NWS Storm Events for Hennepin County, MN, 2015-2024



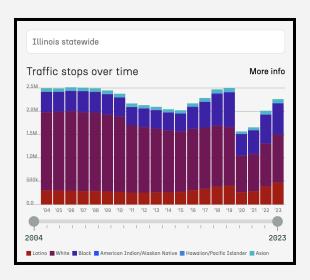
#### **Source**

#### <u>Data</u>

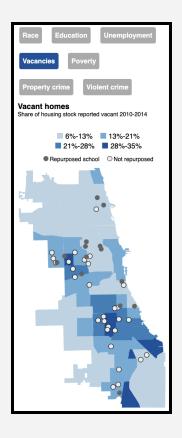
#### **Time-series scatterplot**

#### Code

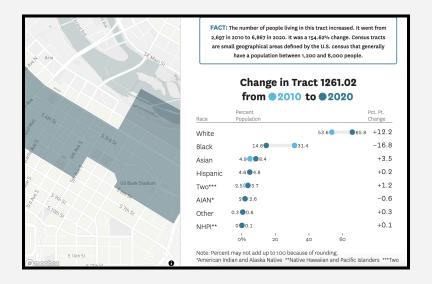
# **Examples**



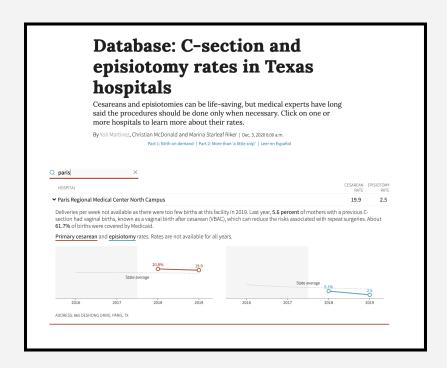
Look up your local Illinois police traffic stop data



#### Closed schools still burden distressed Chicago neighborhoods



2020 Decennial Census



**Episiotomy and C-section rates in Texas**