

Live Notes for February Viz and Tell

A discussion on Tools and Software

Visualizing the Future website

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Survey Results - of course we had to make some word clouds using Voyant.

What tools are "required" for teaching at your institution or organization? Please feel free to be as detailed as possible.



What is your most important consideration when choosing a tool or software to teach?



Discussion Questions/Comments/Resource Recommendations:

Mona Chalabi - https://monachalabi.com/projects/data-visualisation/
Doodling for technologists - https://deniseyu.io/art/
Climate change/ Warming Stripes - https://docs.google.com/document/d/1SA4LBn63lIV2TgJyYSxpRENp671JV8C9ljFTljo7a3Q/e/dit#
More on warming stripes: https://en.wikipedia.org/wiki/Warming_stripes
Miriam Posner's Twitter on Visualizations - https://twitter.com/miriamkp/status/1362124603326304260

Explicit Direct Instruction in Programming Education -

<https://rstudio.com/resources/rstudioconf-2019/explicit-direct-instruction-in-programming-education/>

This is a data conversation/debate that happened between a pro-gun and anti-gun control blogs that I found and have been using. Same data visualized two different ways:

Martinelli, S. (2018, January 17). U.S. Gun Death Rate Jumps 17 Percent Since 2008 Supreme Court District of Columbia v. Heller Decision Affirming Right to Own a Handgun for Self-Defense. Violence Policy Center.

<https://vpc.org/press/u-s-gun-death-rate-jumps-17-percent-since-2008-supreme-court-district-of-columbia-v-heller-decision-affirming-right-to-own-a-handgun-for-self-defense/>

NRA-ILA. (2018, January 26). Cherry-Picking Statistics: How the Violence Policy Center Manipulates Data to Advance their Cause. NRA-ILA.

<https://www.nraila.org/articles/20180126/cherry-picking-statistics-how-the-violence-policy-center-manipulates-data-to-advance-their-cause>

Really good before/after visualizations that I've found people to like:

<https://medium.economist.com/mistakes-weve-drawn-a-few-8cdd8a42d368>

giving me an idea to do a doodling session where we doodle over viz or recreate them for different purposes or audiences. Like the "cattening the curve" chart.

<https://twitter.com/amdar1ing/status/1237880129575157760?s=20>

There are a group of faculty at my University who are currently reading Calling Bullshit: The Art of Skepticism in a Data-Driven World. The authors teach a course at Univ. of Washington and have a website (<https://www.callingbullshit.org/>) with a lot of resources for examples of how to be critical of data.