The top five data visualization resources

Top five data visualization resources for data professionals

You've gotten a lot of experience in data visualization by now, which will be instrumental in your career as a data professional. As you step into new roles in the data industry, it is important to keep up with data visualization trends by participating in visualization ("viz") communities and accessing viz resources.

Below you'll find the top five data viz resources for data professionals. At each site you'll find amazing training resources and bustling data viz communities ready to help you maintain and improve on the skills you've already acquired. Along with improving your skills, these sites and communities can be a useful resource for maintaining a working knowledge of data viz ethics and accessibility.

Take time to explore each resource. In particular, learn what they offer for training, education, and community engagement.

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"Where can I find training material and sample visualizations to help me with my own data visualizations?"

Tableau

You're already quite familiar with Tableau's free browser software: **Tableau Public** ↗. Of course, they offer a variety of software packages that appeal to every data professional, from the daily power user to the occasional presenter.

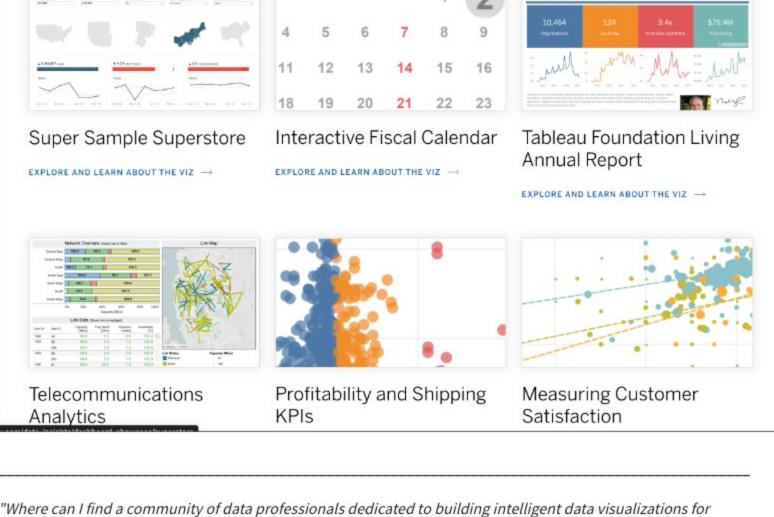But did you know that Tableau also offers a comprehensive education and tutorial platform focused on training both software users and class leaders? In their Resources ↗ tab, Tableau offers video tutorials, e-learning courses, and webinars to help every level of user improve their data visualizations. Along with articles, blogs, and white papers, Tableau has a huge collection of sample visualizations (including Viz of the Day ↗, which showcases some of the best Tableau vizzes) that is meant to encourage and empower data pros at every level to turn their dull datasets into effective storytelling tools.

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"Where can I find a community of data professionals dedicated to building intelligent data visualizations for businesses?"

PowerBI

What PowerBI ↗is probably best known for is its popular software product used by businesses and corporations worldwide for data visualization. Not only do they offer a free online version of their premium product, PowerBI, they also provide comprehensive guided learning ↗ and online workshops ↗ for teaching users of its products to create powerful data visualizations.

A growing number of data pros are also part of their PowerBI data visualization community ↗. Here, users collaborate and share insight about the most effective ways to build data visualizations for businesses and organizations of every kind all over the world, like The Associated Press, Nokia, Real Madrid Football Club, Toyota, UNICEF, Galadari Brothers, and Eurobank, to name a few.

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"Where can I find data visualizations paired with the datasets they are built from?"

Information is Beautiful

Founded by author and data visualization expert David McCandless, the Information is Beautiful ↗platform is a gathering place for data pros who want to help people make clearer, more informed decisions in the world.

The site is a treasure trove of data visualizations on a host of topics. The Information is Beautiful team also has blogs, newsletters, and live and online workshops ↗, which aim to help data professionals improve their craft. Beyond the powerful visualizations and graphs on their website, Information is Beautiful focuses on transparency by sharing all of the datasets on which they base their vizzes.
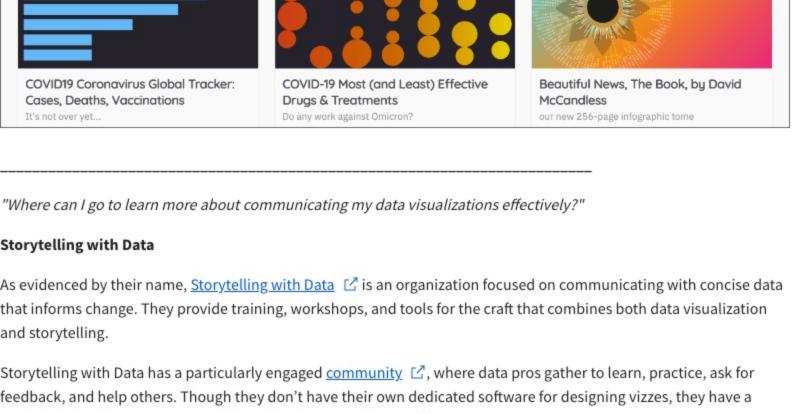

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"Where can I go to learn more about communicating my data visualizations effectively?"

Storytelling with Data

As evidenced by their name, Storytelling with Data ↗ is an organization focused on communicating with concise data that informs change. They provide training, workshops, and tools for the craft that combines both data visualization and storytelling.

Storytelling with Data has a particularly engaged community ↗, where data pros gather to learn, practice, ask for feedback, and help others. Though they don't have their own dedicated software for designing vizzes, they have a myriad of tiered resources for training, office hours, and consulting.

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"Where can I go to find out more about data visualizations created in Python?"

Python Graph Gallery

If you are looking to improve your skill in plotting data visualizations in Python, the Python Graph Gallery ↗ is a fantastic website to visit. This site created by Yan Holtz ↗ includes a wide range of different types of visualization plots, like bar graphs, line charts, times series charts, geographic maps, and many more. Along with each visualization, you will also find the accompanying Python code used to plot the viz.

The site is organized first by plot type, but can also be sorted by the visualization Python package used; seaborn, matplotlib, or plotly. There is also a space for general knowledge tips and tricks, and a section titled Dataviz Inspiration ↗, which can help you understand what Python is capable of.

Key Takeaways

Your data visualization education doesn't end when you complete this program. There are amazing resources that are consistently being updated with the latest trends and most up-to-date principles regarding the design, ethics, accessibility, and communication of data visualizations.

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