

7.5 'Data visualization: Figure design, design process, and fundamentals'

Links used in the video

"Fundamentals of Data Visualization", C. O. Wilke <https://clauswilke.com/dataviz/>

Browse directories/galleries for inspiration

Matplotlib <https://matplotlib.org/gallery.html>

Seaborn <https://seaborn.pydata.org/examples/index.html>

Altair <https://altair-viz.github.io/gallery/index.html>

Plotly <https://plotly.com/python/>

Bokeh <https://demo.bokeh.org/>

Ggplot <https://yhat.github.io/ggpy/>

PyNGL <https://www.pyngl.ucar.edu/Examples/gallery.shtml>

K3D <https://k3d-jupyter.org/showcase/>

ggplot2 <https://ggplot2.tidyverse.org/>

Shiny <https://shiny.rstudio.com/>

Data-Driven Documents <https://d3js.org/>

"Data Visualisation: A Handbook for Data Driven Design", A. Kirk

<https://www.visualisingdata.com/book/>

Proportional Ink https://www.callingbullshit.org/tools/tools_proportional_ink.html

Colors- Great resources

<https://clauswilke.com/dataviz/color-pitfalls.html>

<https://blog.datawrapper.de/beautifulcolors/>

Okabe, M., and K. Ito. 2008. "Color Universal Design (CUD): How to Make Figures and Presentations That Are Friendly to Colorblind People." [https://jfly.uni-](https://jfly.uni-koeln.de/color/)

[koeln.de/color/](https://jfly.uni-koeln.de/color/)

https://seaborn.pydata.org/tutorial/color_palettes.html

<https://colorbrewer2.org/>