7.4 ‘Data visualization: Introduction and motivation’

Links used in the video

Books

"Fundamentals of Data Visualization", C. O. Wilke https://clauswilke.com/dataviz/
"Data Visualization: A practical introduction", K. Healy https://socviz.co/
"Data Visualisation: A Handbook for Data Driven Design", A. Kirk
https://www.visualisingdata.com/book/

N. P. Rougier, M. Droettboom, P. E. Bourne, "Ten Simple Rules for Better Figures", PLoS Comput Biol 10(9): e1003833 (2014) https://doi.org/10.1371/journal.pcbi.1003833

Lessons/talks

https://swcarpentry.github.io/visualization-novice/
https://www.ub.uio.no/english/courses-events/events/all-libraries/2020/research-bazaar/visualisation.html
https://ajstewartlang.github.io/SIPS_2019/SIPS_presentation.html

Twitter https://twitter.com/hashtag/TidyTuesday

Anscombe’s quartet

https://en.wikipedia.org/wiki/Anscombe%27s_quartet
https://seaborn.pydata.org/examples/anscombes_quartet.html

A. Cairo, "Datasaurus: Never trust summary statistics alone; always visualize your data" http://www.thefunctionalart.com/2016/08/download-datasaurus-never-trust-summary.html

J. Matejka, G. Fitzmaurice, "Same Stats, Different Graphs: Generating Datasets with Varied Appearance and Identical Statistics through Simulated Annealing" https://www.autodeskresearch.com/publications/samestats