Data Visualization

CONCLUSIONS

Conclusions

Feedback on the course

What now?

Feedback on the course

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Topics

o Foundations: defining data visualization, the purposes of data visualization and the three principles of good visualization design

o Human visual perception: preattentive processing, color perception and color specification

o Examples of (un)trustworthy and (in)accessible visualizations

o Designing a visualization: steps of visualization design, basic charts, visualizing multivariate data, uncertainty and missing data, visual order, interactivity, storytelling and tools

o Creating visualizations in Python

What would you have wanted to hear more/less about?

What now?

Follow online tips and tutorials

o Chartable: https://blog.datawrapper.de

o Eager eyes: https://eagereyes.org

o FlowingData: https://flowingdata.com

o Information is beautiful: https://informationisbeautiful.net

o PolicyViz: https://policyviz.com

o Randal S. Olson: http://www.randalolson.com/blog/

o Storytelling with data: https://www.storytellingwithdata.com/

o The functional art: http://www.thefunctionalart.com

o Telling stories with data: http://www.chadskelton.com

o Vis4.net: https://www.vis4.net/blog/

o Visualizing data: http://www.visualisingdata.com

o Vizdata (in Italian): https://www.vizdata.it

Listen to podcasts

http://datastori.es

By Enrico Bertini and
Moritz Stefaner
Since February 2012
148 episodes
~45 min / episode

https://www.storytellingwi
thdata.com/podcast/

By Cole Nussbaumer
Knaflic
Since November 2017
23 episodes
~45 min / episode

https://policyviz.com/podc
ast/

By Jonathan Schwabish

Since April 2015
160 episodes
~30 min / episode

Participate in challenges

Makeover Monday
o Weekly challenge
o Create better visualization for the given data
o http://www.makeovermonday.co.uk/

#SWDchallenge (SWD = Storytelling with data)
o Monthly challenge
o Practice and apply data visualization and storytelling skills
o https://www.storytellingwithdata.com/swdchallenge/

Join the Data Visualization Society
o https://www.datavisualizationsociety.com