Data Visualization

EXAMPLES (2)

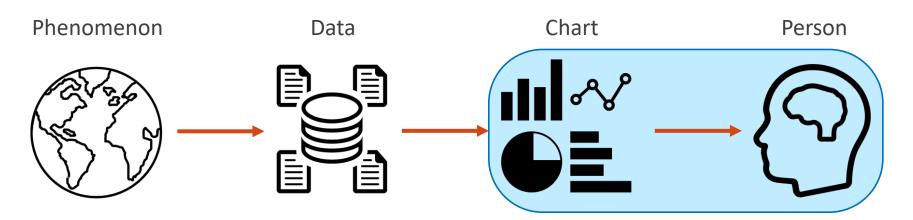
Good visualization design is

1. Trustworthy

2. Accessible

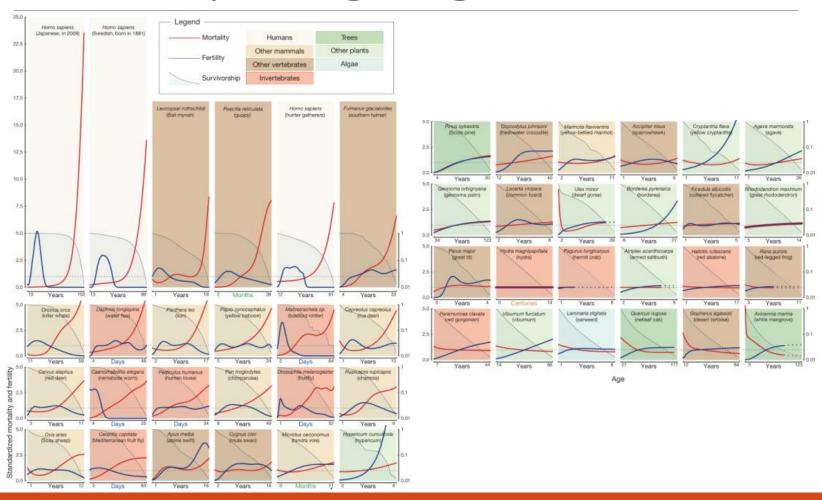
3. Elegant

Accessibility



Make design choices that facilitate understanding

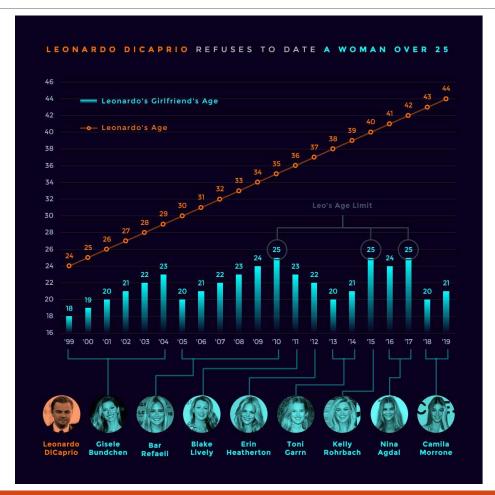
Diversity of ageing



Diversity of ageing (redesign)

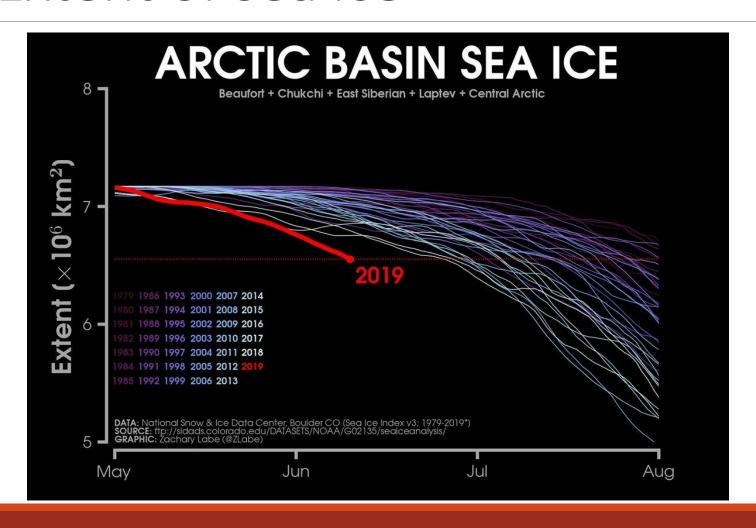


Leonardo DiCaprio's girlfriends

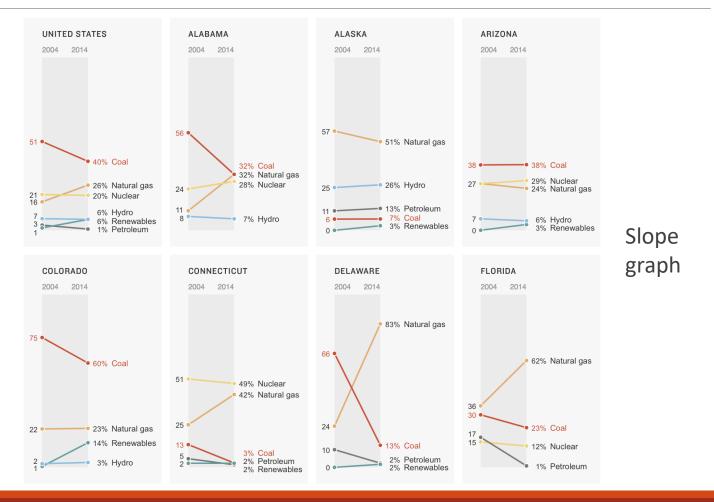


Made in MS Excel!

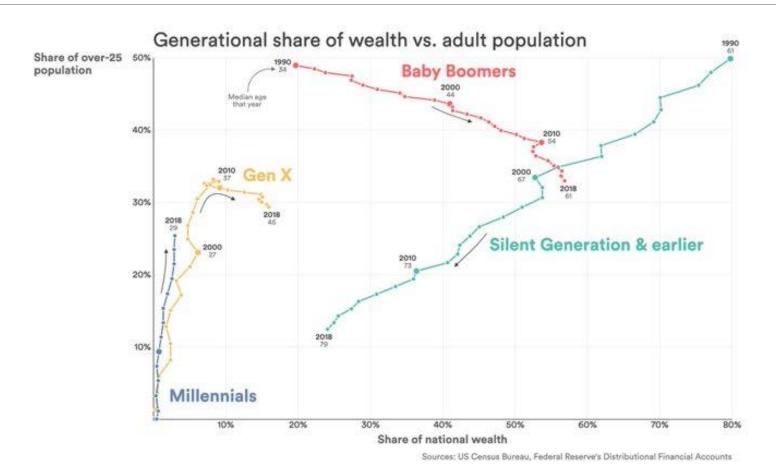
Extent of sea ice



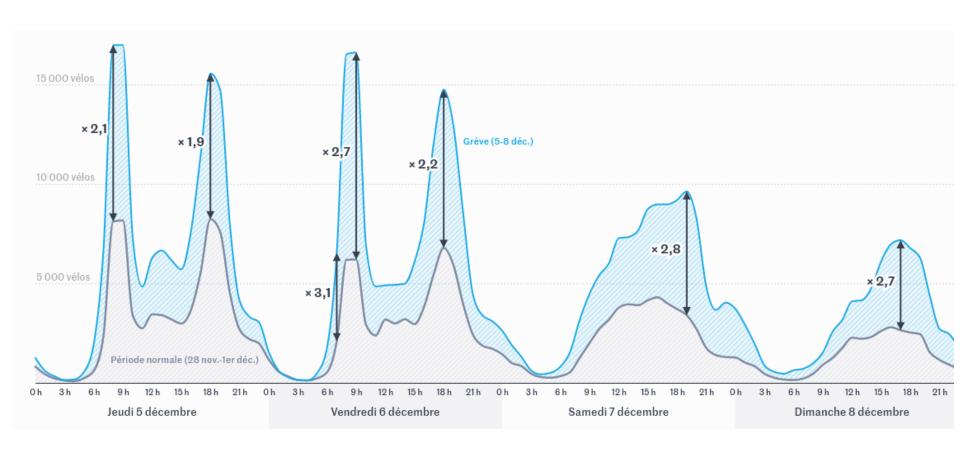
Electric power generation



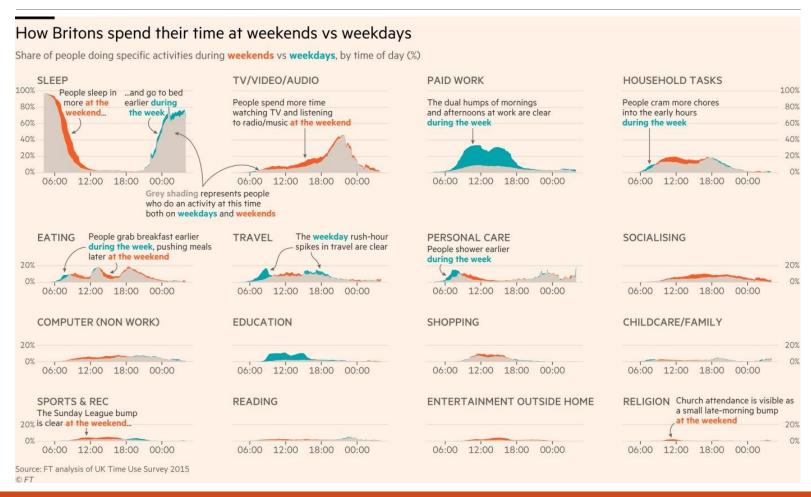
Generational share of wealth vs. adult population



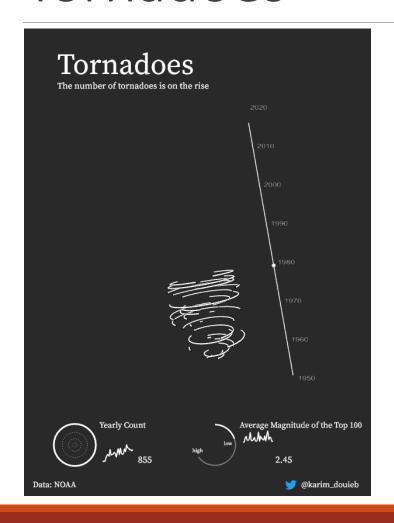
Impact of transport strike on use of bikes

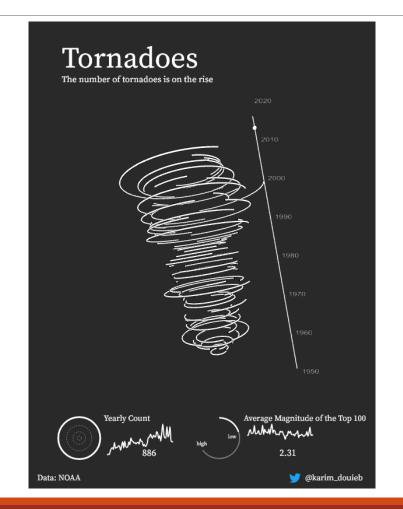


How Britons spend their time at weekends vs weekdays



Tornadoes





To achieve accessibility

General guidelines

- Keep in mind
 - The audience
 - The presentation format
 - The specifics of the data
 - The message
- Strive for clarity, minimize clutter
- Take into account human visual processing abilities
 - Careful choice of colors
 - Use annotation
- Use uncommon charts only if they are "worth it"

To achieve accessibility

Design process guidelines

- Try different visualizations
- Show your visualizations to a friend—are they able to get to the message?