

Lecture 13: Lying with graphs

How to lie with charts

Design a compelling visualization

Read <https://handsondataviz.org/how-to-lie-with-charts.html> (10 minutes)

Form 3 groups.

Group 1

Argue that global warming is not actually happening.

Group 2

Argue that global warming is primarily due to the industrialization and corporate irresponsibility of the USA and Western economies. (bonus points if you can work colonialism into the argument)

Group 3

Argue that global warming is primarily due to the industrialization and irresponsibility of Asian *Tiger economies*

In each group, work together to design a visualization that argues your point. You may find it useful to use some of these resources:

- Yearly average temperatures (NASA/GISS)
- World Bank indicators - especially useful maybe GDP per capita (inflation adjusted), Research and Development (% of GDP), Greenhouse Gas emissions, Energy use per capita

You don't have to **produce** the visualization in class, but you should come up with a sufficiently specified design that you all have a good notion of what it might end up looking like.