

Data Visualization

Assignment 2: Good and Bad Data Visualization

Requirements:

- Data visualizations are important tools for communication and convincing; we need to be able to evaluate the ways that data are presented in visual form to be critical consumers of information
- To test your evaluation skills, locate two public data visualizations online, one good and one bad
 - You can find data visualizations at <https://public.tableau.com/app/discover> or <https://datavizproject.com/>, or anywhere else you like!
- For each visualization (good and bad):
 - Explain (with reference to material covered up to date, along with readings and other scholarly sources, as needed) why you classified that visualization the way you did.
 - How could this data visualization have been improved?
- Word count should not exceed (as a maximum) 500 words for each visualization (i.e. 300 words for your good example and 500 for your bad example)

Why am I doing this assignment?:

- This assignment ensures active participation in the course, and assesses learning outcomes 2 and 3:
 2. Use general design principles for creating accessible and equitable data visualizations in Python and other software
 3. Understand data visualization as purposeful/telling a story (and the ethical/professional implications thereof)

Rubric:

Component	Scoring	Requirement
Data viz classification and justification	Pass/Fail	<ul style="list-style-type: none">• Data viz are clearly classified as good or bad• At least three reasons for each classification are provided• Reasoning is supported by course content or scholarly sources
Suggested improvements	Pass/Fail	<ul style="list-style-type: none">• At least two suggestions for improvement• Suggestions are supported by course content or scholarly sources