

Data Visualization

Assignment 3: Data Visualization Ethics

Requirements:

- Let's return to the data visualizations we evaluated for Assignment 2.
- For each visualization:
 - Explain (with reference to material covered up to date, along with readings and other scholarly sources, as needed) whether or not you think this data visualization is accessible, reproducible, and equitable.
 - How could this data visualization have been improved (in terms of accessibility, reproducibility, equity)?
- Word count should not exceed (as a maximum) 300 words for each visualization.

Why am I doing this assignment?:

- This ongoing assignment ensures active participation throughout the class, and assesses learning outcomes 2, and 3:
 2. Build an understanding of general design principles for creating accessible/equitable data visualizations in R and other software
 3. Build an understanding of data visualization as purposeful/telling a story (and the ethical/professional implications thereof)

Rubric:

Component	Scoring	Requirement
Data viz evaluation and justification	/10	<ul style="list-style-type: none">• Opinions on data visualization are clearly stated• Reasoning is supported by course content or scholarly sources
Suggested improvements	/5	<ul style="list-style-type: none">• At least two suggestions for improvement• Suggestions are supported by course content or scholarly sources
Citation and word count	/5	<ul style="list-style-type: none">• Example data visualizations, information from scholarly sources, and course slides are

		<p>referenced consistently using a reference style of choice (suggestion: APA style)</p> <ul style="list-style-type: none">• Both in-text citations and a final Works Cited section are included• Submission does not exceed maximum word count; Works Cited are not included in word count
Total:	/20	