

This is a graded discussion: 10 points possible

due Jul 16



In-Class Exercise #4 - Graphs and Data Visualization

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Graphs are an important tool for communicating data and statistical analysis. A well-constructed graph helps the reader to understand important elements of the data that may not be immediately apparent just from looking at numbers or tables. A poorly constructed graph, however, can confuse the or mislead the audience and be counterproductive.

What are some criteria that you think data analysts should follow when constructing graphs for the general public? Find one example of a graph from a mainstream media outlet (newspaper, magazine, blog, etc...) that you think fits these criteria and include it in your post. If possible, include the graph itself as well as a link to the article or webpage that the graph is taken from (you may not post about a graph that somebody else has already posted about). What is the graph attempting to show or communicate to the reader? Why do you think it is effective in doing so? Are there any elements that you think are particularly well done or that stand out?

Finally, find an example of a graph from a mainstream media outlet that you think is about an interesting topic but is poorly constructed and include this in your post as well. What elements do you think are particularly poor? How would you improve this graph to better visualize the data?

Unread



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