

[◀ Back to Week 1](#)[X Lessons](#)[Prev](#)[Next](#)

✔ Peer-graded Assignment: Graphics Lies, Misleading Visuals

You passed!

Congratulations. You earned 15 / 15 points. Review the feedback below and continue the course when you are ready. You can also help more classmates by reviewing their submissions.

[Review Classmates' Work](#)[Instructions](#)[My submission](#)

Misleading visual of Global Warming data

[Discussions](#)

Submitted on October 20, 2017

[Shareable Link](#)

PROMPT

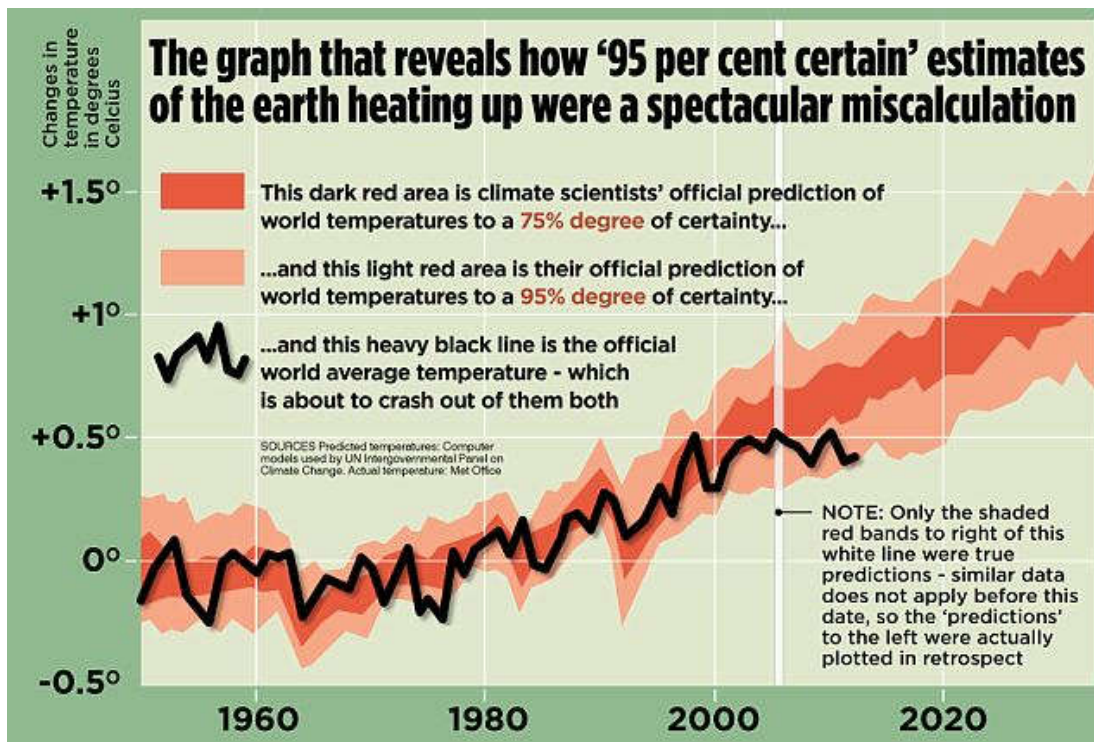
Read Alberto Cairo's work, Graphics Lies, Misleading Visuals

Locate an example of a misleading visual that uses one or more of the mechanisms for misleading that Cairo outlines in his book chapter: (1) Hiding relevant data; (2) Displaying too much data and obscuring reality; (3) Distorting data through visual forms.

Please upload an image of this visual using a widely accessible graphic format (e.g., PDF, .jpg, .png)

Misleading Graphics

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RUBRIC

Has the learner uploaded a visual?

- ☐ 0 points
No
- ☒ 1 point
Yes



PROMPT

Briefly describe the context for the visual by addressing the following questions:

1. What is the source of the visual? (e.g., URL or bibliographic citation)
2. Who is the intended audience (i.e., decoders)? How do you know this?

Source of the visual:

URL: Daily Mail

The intended audiences are the people of the earth as Global Warming is a global issue. Awareness should be raised regarding Global warming issue. Also, as the

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visuals are added in a article which was published in Daily Mail, the intended audiences are the reader of the article.

RUBRIC

Did the learner provide the source of the visual?

- ☐ 0 points
No
- ☒ **1 point**
Yes



Did the learner identify the intended audience? Did they provide an explanation of how they know who the intended audience is?

- ☐ 0 points
The learner did not identify the intended audience.
- ☐ 2 points
The learner identified the intended audience, but did not provide an explanation.
- ☒ **4 points**
The learner identified the intended audience and they provided an explanation of how they knew who the intended audience is.



PROMPT

1. Identify the specific component(s) of the visual that is/are misleading
2. For each part(s) of the visualization that is/are misleading, identify the mechanism that is used: hiding relevant data to highlight what benefits us; displaying too much data to obscure reality; using graphic forms in inappropriate ways (distorting the data)
3. Explain how the mechanisms are used to mislead
 1. After some investigation on the internet, I found that the visual is showing the temperatures of air which is a poor measure of Global Warming. There are many more indicative features of Global Warming which are not considered here.
 2. Hiding relevant data to highlight what benefits us

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3. The visual is showing the temperatures of air which is a poor measure of Global Warming as much of the heat ends up in the oceans. In the graph, short term duration is considered. One can not make a good prediction considering such a short term duration data. A better graph for global warming would show the trend since the industrial revolution.

RUBRIC

Did the learner identify one or more specific components that is/are misleading?

☐ 0 points
No

☒ **3 points**
Yes



For each component of the visual that the learner identified as misleading, did the learner identify the mechanism that was used to mislead?

☐ 0 points
No

☒ **3 points**
Yes



Did the learner explain how the mechanisms were used to mislead?

☐ 0 points
No

☒ **3 points**
Yes

**PROMPT**

Optional: Describe any additional issues you found with visual that did not fall under Cairo's three misleading mechanisms.

RUBRIC

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Optional: If the learner described additional issues and you would like to provide feedback on their comments, please do so here.



Nam Nguyen

Very good indication of ocean temperature as hidden relevant fact.



syed rehman

N/A



Isaac Ben-Akiva

great job

Edit submission

Comments

Comments left for the learner are visible only to that learner and the person who left the comment.



share your thoughts...



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