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# Peer-graded Assignment: Plotting Weather Patterns

(Admin-Only Link) Preview Rubric

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## Rubric Preview

Upload an image of your record highs and lows plot. Ensure that your plot includes the following elements:

- an accurate title
- correctly labelled axes
- line graph displaying record highs and lows for 2005-2014
- shaded area between the two lines
- overlaid scatter plot indicates days in 2015 that broke a record high or low for 2005-2014
- a legend or sufficient labelling for the line graph and scatter plot

 The submitter's response goes here.

Did the learner upload an image of their record highs and lows plot? *Note: Not everyone received the same data, so your plot may look different from your peer's assignment.*

☐ 0 pts

No, the learner did not upload an image of their record highs and lows plot.

☐ 1 pt

Yes, the learner uploaded an image of their record highs and lows plot.

Does the plot include an accurate title?

☐ 0 pts

No, the plot does not include an accurate title.

☐ 1 pt

Yes, the plot does include an accurate title.

Does the line graph display record highs and lows for 2005-2014?

☐ 0 pts

No, the line graph does not display record highs and lows for 2005-2014.

☐ 3 pts

Yes, the line graph does display record highs and lows for 2005-2014.

Is the area between the two line graphs shaded?

☐ 0 pts

No, the area between the two lines is not shaded.

☐ 3 pts

Yes, the area between the two lines is shaded.

Does the overlaid scatter plot indicate days in 2015 that broke a record high or low for 2005-2014?

☐ 0 pts

No, the overlaid scatter plot does not indicate days in 2015 that broke a record high or low for 2005-2014.

☐ 3 pts

Yes, the overlaid scatter plot indicates days in 2015 that broke a record high or low for 2005-2014.

Is there a legend or sufficient labelling for the line graph and scatter plot?

☐ 0 pts

No, there is not a legend or sufficient labelling for the line graph and scatter plot.

☐ 2 pts

Yes, there is a legend or sufficient labelling for the line graph and scatter plot.

Describe how your visual leverages the guidelines of effective visual design outlined in module one of this course.

The submitter's response goes here.

The visual leverages the guidelines of effective visual design outlined in module one of this course, specifically, Cairo's principles of beauty, truthfulness, functionality, and insightfulness.

☐ 0 pts

**Disagree.** The visual does not leverage any of the guidelines given for effective visual design (e.g., beauty, truthfulness, functionality, and insightfulness).

☐ 1 pt


**Neutral.** The visual leverages only one or two guidelines given for effective visual design (e.g., beauty, truthfulness, functionality, and insightfulness).

☐ 2 pts

**Agree.** The visual effectively leverages the guidelines given for effective visual design (e.g., beauty, truthfulness, functionality, and insightfulness).

Based on your response to the previous question, provide comments about one aspect of the plot that was especially effective and provide suggestions about how one aspect of the plot that could be improved.

Please upload your source code.

 The submitter's response goes here.

[Help Center](#)

If you want to look at the learner's code, we recommend that you open it through the Jupyter notebook system on the Coursera platform.



