

✔ Peer-graded Assignment: Plotting Weather Patterns

Instructions My submission

Discussions

Plotting temperature records

Submitted on June 12, 2020

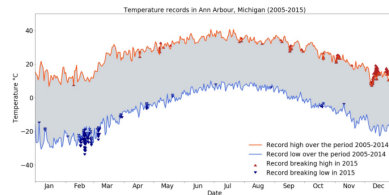
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PROMPT

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

Temperature records in Ann Arbor, Michigan (2005-2015)



RUBRIC

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 points
No, the learner did not upload an image of their record highs and lows plot.
- ☒ **1 point**
Yes, the learner uploaded an image of their record highs and lows plot.



Does the plot include an accurate title?

- ☐ 0 points
No, the plot does not include an accurate title.
- ☒ **1 point**
Yes, the plot does include an accurate title.



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

- ☐ 0 points
No, the line graph does not display record highs and lows for 2005-2014.
- ☒ **3 points**
Yes, the line graph does display record highs and lows for 2005-2014.



Is the area between the two line graphs shaded?


- ☐ 0 points
No, the area between the two lines is not shaded.
- ☒ **3 points**
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 points
No, the overlaid scatter plot does not indicate days in 2015 that broke a record high or low for 2005-2014.
- ☒ **3 points**
Yes, the overlaid scatter plot indicates days in 2015 that broke a record high or low for 2005-2014.



	<p>Is there a legend or sufficient labelling for the line graph and scatter plot?</p> <p><input type="radio"/> 0 points No, there is not a legend or sufficient labelling for the line graph and scatter plot.</p> <p><input checked="" type="radio"/> 2 points Yes, there is a legend or sufficient labelling for the line graph and scatter plot. </p>
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<p>PROMPT</p> <p>Describe how your visual leverages the guidelines of effective visual design outlined in module one of this course.</p> <p>I've tried to follow design guidelines such as proper color selection, include only required data, provide additional visual objects (triangles showing highest and lowest values), right labeling of axes, and meaningful legend.</p>	<p>RUBRIC</p> <p>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.</p> <p><input type="radio"/> 0 points Disagree. The visual does not leverage any of the guidelines given for effective visual design (e.g., beauty, truthfulness, functionality, and insightfulness).</p> <p><input type="radio"/> 1 point Neutral. The visual leverages only one or two guidelines given for effective visual design (e.g., beauty, truthfulness, functionality, and insightfulness). </p> <p><input checked="" type="radio"/> 2 points Agree. The visual effectively leverages the guidelines given for effective visual design (e.g., beauty, truthfulness, functionality, and insightfulness). </p> <p>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.</p> <div> Tejas Suresh None</div> <div> Sarthak Sharma great job</div> <div> Ming Lei The x-axis represented by months give a clear yet detailed timeline for the data plotted</div>
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<p>PROMPT</p> <p>Please upload your source code.</p> <p>Temperature records in Ann Arbour, Michigan Temperature records in Ann Arbour, Michigan</p>	<p>RUBRIC</p> <p>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.</p> <div> Tejas Suresh None</div> <div> Sarthak Sharma nice</div> <div> Ming Lei Ok</div>
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Comments

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



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