

Response Summary:

Refine Worksheet

Goal: Generate/produce new and/or improved visualizations from the Filter & Represent Worksheet

Objectives: Students will apply suggestions from Critique 1 to improve the visualization

Outcomes: Improved visualizations that provide insight

1. Student Information *

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Term (e.g. F2019)	F2021

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3. Visualization Assignment *

- In-class Assignment

4. How many questions have refined views?

- Two

5. Question 1

What Pokemon Has the Highest Attack Value

6. Question 2

Which Pokemon type has the highest representation

Question 1: *

What Pokemon Has the Highest Attack Value

Create

8. Refined Figure 1 for Question 1: provide a revised version of Figure 1 that answers Question 1 from the MINE worksheet. Include a Figure caption and follow the Data Visualization Check List and Best Practices for creating visualization. *

[\[Click here\]](#)

9. In the space below, list the changes made to Figure 1

The original had a lot of values with no real labels. The new refined one is still a lot of values but it generalizes it to the highest value per type as opposed to simply the highest attack value in general as that way, it is easier to find the values needed.

10. Refined Figure 2 for Question 1: provide a revised version of Figure 1 that answers Question 1 from the MINE worksheet. Include a Figure caption and follow the Data Visualization Check List and Best Practices for creating visualization. *

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11. In the space below, list the changes made to Figure 2

The original had a lot of values with no real labels. The new refined one is still a lot of values but it generalizes it to the highest value per type as opposed to simply the highest attack value in general as that way, it is easier to find the values needed.

Question 2: *

Which Pokemon type has the highest representation

Create

12. Refined Figure 1 for Question 2: provide a revised version of Figure 1 that answers Question 1 from the MINE worksheet. Include a Figure caption and follow the Data Visualization Check List and Best Practices for creating visualization. *

[\[Click here\]](#)

13. In the space below, list the changes made to Figure 1

The original visualization had each of the values apart of different sized bubbles however, there was no real label and the sizes were tough to differentiate especially when the colors are put to grayscale and look very similar. This new version not only uses a bar chart which is easier to read but all of the values are labeled as well.

14. Refined Figure 2 for Question 2: provide a revised version of Figure 1 that answers Question 1 from the MINE worksheet. Include a Figure caption and follow the Data Visualization Check List and Best Practices for creating visualization. *

[\[Click here\]](#)

15. In the space below, list the changes made to Figure 2

The original visualization had each of the values apart of different sized bubbles however, there was no real label and the sizes were tough to differentiate especially when the colors are put to grayscale and look very similar. This new version not only uses a bar chart which is easier to read but all of the values are labeled as well.
