

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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Course (e.g. CGT 270-001)	CGT 270-009
Term (e.g. F2019)	F2021

2. Email Address *

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3. Visualization Assignment *

- In-class Assignment

4. How many questions have refined views?

- One

5. Question 1

What states have the highest dog and cat populations as pets?

Question 1: *

What states have the highest dog and cat populations as pets?

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 graph was changed from a tree map on cat population to a bubble chart. The tree map colors did not suite colorblindness. The graph was changed to provide variation to the cat population data, along with the colors that suite all.

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 graph was changed from a bubble chart on dog population to a scatter type graph. This change was made to make the data easier to read and to provide variation to the dog population data.
