

Response Summary:

Filter & Represent Worksheet

Goal: Produce visual representation of the data to address Question 1

Objectives: Students will extract data related to Question 1

Outcomes: Two visual representations of the same data showing different aspects of the data for Question 1

1. Student Information *

| | |
|-------------------------------------|-------------|
| First Name | Jack |
| Last Name | Myers |
| Course (e.g. CGT 270-001) | CGT 270-009 |
| Term (e.g. F2019) | F2021 |

2. Email Address *

myers436@purdue.edu

3. Visualization Assignment *

- In-class Assignment

Q16. How many questions have visualizations?

- Two

Q17. Question 1

Which U.S. States have the highest cat population?

Q18. Question 2

Which U.S. States have the highest dog population?

Remember

Question 1: *

Which U.S. States have the highest cat population?

Apply

5. Filter the data: Remove any duplicate or any data unrelated to answering your question. Provide a description of the filtered data (what is needed to answer your question). *

To answer my question I used cat population (rows) and location (U.S. State)(columns).

Evaluate

6. Next Step: Answer the following questions: *

| | |
|--|-----|
| <i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i> | Yes |
| <i>Do you have the right data to answer Question 1? If yes, explain then proceed. If no, then revisit 'Filter the Data' question. Repeat until this answer is yes.</i> | Yes |

8. View 1 for Question 1 *

[\[Click here\]](#)

9. View 2 for Question 1 *

[\[Click here\]](#)

Remember

Question 2: *

Which U.S. States have the highest dog population?

Apply

Q41. Filter the data: Remove any duplicate or any data unrelated to answering your question. Provide a description of the filtered data (what is needed to answer your question). *

I used Dog Population (rows) and Location (U.S. State)(columns).

Evaluate

Q43. Next Step: Answer the following questions: *

| | |
|---|-----|
| <i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i> | Yes |
| <i>Do you have the right data to answer Question 2? If yes, explain then proceed. If no, then revisit 'Filter the Data' question. Repeat until this answer is yes.</i> | Yes |

Q44. View 1 for Question 2 *

[\[Click here\]](#)

Q45. View 2 for Question 2 *

[\[Click here\]](#)
