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	Shreya
Last Name	Vasant
Course *(e.g. CGT 270-001)*	CGT27000-LC4
Term *(e.g. F2019)*	F2021

2. Email Address *
svasant@purdue.edu

3. Visualization Assignment *
- In-class Assignment

Q16. How many questions have visualizations?
- Two

Q17. Question 1
What is the most common name in each location (regardless of year)?

Q18. Question 2
What is the most common name in year?

Remember

Question 1: *

What is the most common name in each location (regardless of year)?

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). *

   I removed the id, year, and gender columns from the data. All that remains in the dataset is the name, state, and count.

Evaluate

6. Next Step: Answer the following questions: *

Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.	Yes- the count to determine the most common name.
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.	Yes- the count (most common name), the name (which name is referred to in count), and the location (state variable).

8. View 1 for Question 1 *
[Click here]

9. View 2 for Question 1 *
[Click here]

Remember

Question 2: *

What is the most common name in year?

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 will removed (hide) the id, gender, and state variables. All that remained was the name, count , and year variables.

Evaluate

Q43. Next Step: Answer the following questions: *

Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.	Yes-count to see most common name by year
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.	Yes- the count lets you see the highest count which correlates to name and you can sort that by the year.

Q44. View 1 for Question 2 *
[Click here]

Q45. View 2 for Question 2 *
[Click here]