1. Choose one of the data sets listed above in the Activity section or one that you find on your own and give a brief description of it. What specifically were the types of data (text, sounds, transactions, etc.) included in the data set you chose?
2. What new facts did you learn when exploring the data set? List at least 3 facts.
3. Write a question you have about the data set you chose. Now, convert that question into a hypothesis (a statement) with your prediction about the data.
4. Identify at least one security and/or privacy concern that is associated with the data in the data set you chose.
5. If your data set included a visualization, explain the purpose of the visualization. How would you change or improve the visualization? If it did not include a visualization, describe one that you think would be useful in understanding the data.

**Portfolio Reflection Questions**

**Make a copy** of this document in your Portfolio Assignments folder and answer these questions in the spaces below. Once complete, turn in this assignment according to the steps given by your teacher.

[7.2 Big Data Curriculum Page](https://runestone.academy/runestone/books/published/mobilecsp/Unit7-Using-Analyzing-Data/Big-Data.html)

Answer the following questions:

1. Choose one of the data sets listed above in the Activity section or one that you find on your own and give a brief description of it. What specifically were the types of data (text, sounds, transactions, etc.) included in the data set you chose?

**Answer**

|  |
| --- |

2. What new facts did you learn when exploring the data set? List at least 3 facts.

**Answer**

|  |
| --- |

3. Write a question you have about the data set you chose. Now, convert that question into a hypothesis (a statement) with your prediction about the data.

(Hypotheses take the form of "If \_\_\_\_\_\_\_\_\_\_, then \_\_\_\_\_\_\_\_\_." For example, a hypothesis about the student debt data could be, "If the tuition costs are higher at an institution, the student debt will be higher."

**Answer**

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| --- |

4. Identify at least one security and/or privacy concern that is associated with the data in the data set you chose.

**Answer**

|  |
| --- |

5. If your data set included a visualization, explain the purpose of the visualization. How would you change or improve the visualization? If it did not include a visualization, describe one that you think would be useful in understanding the data.

**Answer**

|  |
| --- |