Response Summary:

1. Student Information *

First Name	Connor
Last Name	Colbert
Major	Game Development and Design
Course (e.g. CGT 270-001)	CGT 270
Term (e.g. F2019)	SP2022

2. Email Address *
(University Email Address is required.)
   colberj@purdue.edu

3. Visualization Assignment *
   - Lab Assignment

Q16. How many questions have visualizations?
   - Two

Q17. Question 1
   What are the min, max, and average values across the different types of Pokemon?

Q18. Question 2
   How do Attack and Defense correlate with Special Attack and Special Defense?

Remember

Question 1: *

What are the min, max, and average values across the different types of Pokemon?

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 had to remove a lot of duplicate values in this dataset that would have otherwise affected the average values. There were a large number of duplicate entries that could have artificially inflated the averages for certain characteristics in different types.

Evaluate

6. Next Step: Answer the following questions: *

Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.	I do have enough data as it still covers the large majority of all Pokemon.
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 I do

8. View 1 for Question 1 *
Please upload a .jpeg file
[Click here]

9. View 1 for Question 2 *
Please upload a .jpeg file
[Click here]

Remember

Question 2: *

How do Attack and Defense correlate with Special Attack and Special Defense?

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). *
Similar to the previous question, I removed a lot of the duplicate entries for Pokemon. This could help with removing duplicate outliers that would otherwise make the correlation between these characteristics vary. As it turns out, there is a slight correlation between Attack and Special Attack while there is little to no correlation between Defense and Special Defense.

Evaluate

Q43. Next Step: Answer the following questions: *

Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.	Yes I did. The data still covers most Pokemon so the correlation should still be representative of all the games.
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 I did.

Q44. View 1 for Question 2 *
Please upload a .jpeg file
[Click here]

Q45. View 2 for Question 2 *
Please upload a .jpeg file
[Click here]