

## 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 \*

|                                     |             |
|-------------------------------------|-------------|
| <b>First Name</b>                   | Senny       |
| <b>Last Name</b>                    | Huang       |
| <b>Course</b><br>(e.g. CGT 270-001) | CGT 270-009 |
| <b>Term</b><br>(e.g. F2019)         | F2021       |

### 2. Email Address \*

huan1669@purdue.edu

### 3. Visualization Assignment \*

- In-class Assignment

#### Q16. How many questions have visualizations?

- Two

#### Q17. Question 1

Which Pokemon has the attack stat?

#### Q18. Question 2

What pokemon type has the highest representation in this generation?

## Remember

### Question 1: \*

Which Pokemon has the attack stat?

## 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 hid all of the values apart from the ones for the attack value, as I will most likely not need them to calculate my end goal which is what pokemon has the highest attack value.

## Evaluate

**6. Next Step: Answer the following questions: \***

|   |  |
|---|--|
| <b><i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i></b>  | I have enough data   |
| <b><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></b> | Yes, because in order to find the pokemon with the highest attack, I would need the attack values of all existing pokemon up to the 6th generation which I have access to. |

**8. View 1 for Question 1 \***

[\[Click here\]](#)

**9. View 2 for Question 1 \***

[\[Click here\]](#)

## Remember

**Question 2: \***

What pokemon type has the highest representation in this generation?

## 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). \***

The data that I ended up filtering for this question is the typing for the pokemon and the name of the pokemon. These are both needed to answer my questions because I am trying to figure out the typing that has the most overall representation anyways.

## Evaluate

**Q43. Next Step: Answer the following questions: \***

|   |   |
|---|---|
| <b><i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i></b>  | Yes   |
| <b><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></b> | Yes because my data set lists all of the pokemon's types up to this generation. |

**Q44. View 1 for Question 2 \***

[\[Click here\]](#)

**Q45. View 2 for Question 2 \***

[\[Click here\]](#)

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