

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	Samruddhi
Last Name	Tawade
Course (e.g. CGT 270-001)	CGT270
Term (e.g. F2019)	F2021

2. Email Address *

stawade@purdue.edu

3. Visualization Assignment *

- Assignment 2

Q16. How many questions have visualizations?

- Two

Q17. Question 1

How many earthquakes occur annually in Turkey?

Q18. Question 2

What is the average number of Mag 6+ earthquakes that have occurred?

Remember

Question 1: *

How many earthquakes occur annually in Turkey?

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 did not need to filter this data as I need all of it to answer this question.

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 have enough data as I need all of the values in the dataset to calculate the average.
<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>	I have the right data to answer this question, as my data originates from Turkey and that is the premise of my question.

8. View 1 for Question 1 *

[\[Click here\]](#)

9. View 2 for Question 1 *

[\[Click here\]](#)

Remember

Question 2: *

What is the average number of Mag 6+ earthquakes that have occurred?

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 am using a dataset that is exclusive to just 6+ earthquakes, so I don't need to filter anything.

Evaluate

Q43. Next Step: Answer the following questions: *

<i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i>	I have enough data, as there are probably around 10,000 datasets in this chart.
<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>	I have the correct data, as this dataset is exclusive to just mag 6+ earthquakes.

Q44. View 1 for Question 2 *

[\[Click here\]](#)

Q45. View 2 for Question 2 *

[\[Click here\]](#)
