Response Summary:

1. Student Information *

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Major	Data Visualization
Course *(e.g. CGT 270-001)*	CGT 270-003
Term *(e.g. F2019)*	S2022

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3. Visualization Assignment *
- Lab Assignment

4. How many questions have refined views?
- Two

5. Question 1
Where do Category 6 Earthquakes Occur?

6. Question 2
Does the depth of the earthquake have any impact on magnitude?

Question 1: *

Where do Category 6 Earthquakes Occur?

Create

8. Refined Figure 1 for Question 1: provide a revised version of Figure 1 that answers Question 1 from the MINE worksheet. Include a Figure caption and follow the Data Visualization Check List and Best Practices for creating visualization. *
Please upload a .jpeg file
[Click here]

9. In the space below, list the changes made to Figure 1
Changed the size of the dots denoting where the earthquakes took place

10. Refined Figure 2 for Question 1: provide a revised version of Figure 1 that answers Question 1 from the MINE worksheet. Include a Figure caption and follow the Data Visualization Check List and Best Practices for creating visualization. *
Please upload a .jpeg file
[Click here]

11. In the space below, list the changes made to Figure 2
See above

Question 2: *

Does the depth of the earthquake have any impact on magnitude?

Create

12. Refined Figure 1 for Question 2: provide a revised version of Figure 1 that answers Question 1 from the MINE worksheet. Include a Figure caption and follow the Data Visualization Check List and Best Practices for creating visualization. *
Please upload a .jpeg file
[Click here]

13. In the space below, list the changes made to Figure 1
Grouped the depth data into units of 25 km, in order to make a more concise graph. Also resized the dots in the data.

14. Refined Figure 2 for Question 2: provide a revised version of Figure 1 that answers Question 1 from the MINE worksheet. Include a Figure caption and follow the Data Visualization Check List and Best Practices for creating visualization. *
Please upload a .jpeg file
[Click here]

15. In the space below, list the changes made to Figure 2
This is an entirely new graph that plots both the average magnitude and depth of earthquake by year. The reason I used two y-axis even though it suggests against it in the Checklist is because the point of the graph is to compare the depth and magnitude to see if they have a similar slope in order to determine whether depth has any influence on magnitude.