API CAN CODE

Script Template

Directions: Please respond to ALL questions in the Script Template below!!!

Dataset
Name the dataset you chose, and explain the Volume, Variety, Velocity, Veracity, and Value of the data: 1) Do you have enough data to answer your questions? 2) When was the data curated or last updated? Is the data relevant to the investigation period? 3) What data types are included in the dataset, and what do they represent? How is the data formatted? 4) Is the data reliable? Is it accurate? Is it complete? Are there any potential biases? 5) Why is this data valuable/meaningful?
Response: (at LEAST 5 sentences)

Questions for Investigation
Explain the question(s) that drove your investigation of this dataset: 1) What subquestions did you have to answer? 2) How did these smaller questions contribute to finding a more complete answer for your driving question?
Response: (at LEAST 5 sentences)

→ → → ***CONTINUE ON NEXT PAGE*** → → →

Data Cleaning / Trimming

Explain how you organized or format the dataset to prepare it for analysis:

1) How did you filter the dataset to focus on the most relevant information?
2) Which variables did you used?
3) Was there nested data? How did you handle or unpack it for analysis?

Response: (at LEAST 5 sentences)

Data Visualization

For **each** data visualization (3-5) you include in your presentation, explain the following (think of this section as a for loop, repeating as many times as you have data visualizations!):

1) What type of graph is this and what are some key features to look at?
2) How would you interpret what the graph is showing?
3) How does this help you answer your questions for investigation?

Response: (at LEAST 5 sentences)

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Reflection

Reflect on your project in terms of:

1) What challenges did you encounter when cleaning or trimming the data, and how did you overcome them?
2) How easy was it to “process” your data into graphs?
3) Which graphs were “clearer” than others?
4) What additional columns of data OR different formats of data would have helped you answer your questions?

Response: (at LEAST 5 sentences)

Conclusion

Clearly address each of the following:

1) What answer did you reach for your questions?
2) How did your questions relate to one another?
   Why are they important to answer?
3) How confident are you in your answers?
   (did you have enough data/the right type of data to fully answer the question?

Response: (at LEAST 5 sentences)