

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)

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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)

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)