Response Summary:

Mine Worksheet

Goal: to identify patterns, extreme and subtle features about the data

Objectives: Students will identify basic descriptors for the data, and categorize the data according to the specifications from the Parse Worksheet

Outcomes: Three (3) specific questions to be answered using the data

1. Student Information *

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Term *(e.g. F2019)*	F2021

2. Email Address *

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3. Visualization Assignment *

- Lab Assignment

Analyze

4. Basic Descriptors: for each data component from the Parse Worksheet, identify basic descriptors (basic statistics). Explain *

An interesting observation is that the basic descriptors can also be a text. The text is not your usual string but it is, however, your integer that tells you some information about how long the song is (length)

5. Categorize: consider what is similar and what is different? Categorize the data. Are the variables categorical (normal, ordinal, or rank). Are they quantitative (discrete or continuous)? Show categories. Explain. *

I believe that energy and danceability are similar because if the song has a higher energy level, it is impossible that it would also happen to have a high danceable feeling to the individual listening to the song. This mostly comes from the lyrics or the beat that was used.

6. Temporal: is the data streaming data? How is it stored (all at one time, over several years in years, days, minutes, seconds)? Explain. *

The data has been streamed from some kind of source because the dataset is a secondary source (I nor my TA didn't carry out the research)

7. Range and Distribution: what is the distribution of the data? Few values, small size, evenly spread, sparse or dense? Explain. *

The dataset has a small size of 50 rows and is evenly distributed between the range of 70-95 but with an average of 87

Evaluate

8. Questions and Assumptions: list at least 3 questions you plan to answer with the data or list the questions if they were provided. Must be complete sentences and end in a question mark. What assumptions are you making? *

Question 1	What kind of format is the dataset? Unstructured or Structured?
Question 2	How many columns are there?
Question 3	What are the unique categories?
Assumptions	If there is a popular category, should there be a ranking of the song worldwide?