

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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Course (e.g. CGT 270-001)	CGT270-009
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 *

The basic descriptors from the dataset from last week include Beats.Per.Minute, Energy, Danceability, Loudness..dB, Liveness, Valence, Length, Acousticness, Speechless, Popularity. From these different contents on our dataset, we can find the minimum, average and maximum

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. *

The dataset is variables categorical because there is the order between the different variables of the dataset that tells us information about the songs that were researched about

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

Yes, the data is streaming data. It is stored in seconds which can be converted to minutes because the length of a sound is usually in minutes.

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	which song is the least popular?
Question 2	what is the name of the artist that sang 'Lalala'
Question 3	How many rows are there?
Assumptions	The dataset is not all organized when it comes to the genre because not everyone knows the difference between American pop or Canadian pop. So having a generic name such as Pop will suffice.
