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 *

First Name	Ayomikun
Last Name	Obayomi
Course *(e.g. CGT 270-001)*	CGT 270-009
Term *(e.g. F2019)*	F2021

2. Email Address *
aobayomi@purdue.edu

3. Visualization Assignment *
- Training Data

Analyze

4. Basic Descriptors: for each data component from the Parse Worksheet, identify basic descriptors (basic statistics). Explain *
The basic descriptors from the Spotify Top 50 songs are Beats.Per.Minute, Energy, Danceability, Loudness..dB, Liveness, Valence, Length, Acousticness, Speechless, Popularity. These are the variables that contain an integer that tells us some form of information about the songs' characteristics. Basic Descriptors are also numbers of our dataset where the average, min and max could be found

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 data variables are classified into categories such as Textual (Track name, artist name, and featuring artist), Nominal (Remix, genre and sub-genre) and Intervals (Beats per minute, speechiness and loudness). The data variables above are Textual, Nominal, and Interval because they show that the data is qualitative.

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, it is but it is the spreadsheet representative of the top 50 songs from the particular year of 2019

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 genre has the highest danceability?
Question 2	what song is the longest in seconds?
Question 3	do you think the dataset would be concise and easier to comprehend if it were in the format of a parsing set?
Assumptions	An assumption that can be made is when exactly these song were released and the amount of streams