

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

Rank: Data Type: String Length/ Team Name: Data Type: String: String Length/ Winning Percentage: Data Type: Float: Basic Descriptors: Mean, Max, Min/ Games Won Lost, and Tied: Data Type: Integer: Basic Descriptors: Mean, Max, Min/ Games Played: Data Type: Integer: Basic Descriptors: Mean, Max, Min.

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. *

Games that are played, won, lost and tied, are all in their own category. All of them are integers and have numbers that Can't go into the negative. The variables are nominal because there is no order of the categories..Rank and Team name are both string because the rank has a t by it that stands for tie. The last category is Float which is the win percentages.

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 is collected over a long period of time because it has to do with the colleges all time wins.

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

The distribution is evenly spread because there are good and bad college teams so they even out. All the games played for each team is very comparable to eachother.

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	Do the college teams that win the most productive e more NFL players?
Question 2	Do teams with the highest win percentages have the least games played?
Question 3	Is rank more affected by win percentage or overall wins?
Assumptions	I assume that teams with more wins have a higher rank.
