Response Summary:

1. Student Information *

First Name	Saswat
Last Name	Mishra
Major	Web Programming
Course *(e.g. CGT 270-001)*	CGT 270-004
Term *(e.g. F2019)*	S2022

2. Email Address *
(University Email Address is required.)
mishra78@purdue.edu

3. Visualization Assignment *
- Lab Assignment

Analyze

4. Basic Descriptors: for each data component from the Parse Worksheet, identify basic descriptors (basic statistics). Explain *
Wimbledons_champions.csv
Gender - Gender of a person
Champion - Who was the winner
Champion Nationality - Nationality of the winner
Runner-up - Who was the runner up
Score - score of the match
Year - Year the match was held
Grand Slam Championships
Year - year the match was held
Champion - Winner of the match
Runner up - Runner up of the match
Score - Score of the match
Wimbledon Championships
Gender - Gender of a person
Champion - Who was the winner
Champion Nationality - Nationality of the winner
Runner-up - Who was the runner up
Score - score of the match
Year - Year the match was held
Grand Slam Championships
Year - year the match was held
Champion - Winner of the match
Runner up - Runner up of the match
Score - Score of the match

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. *
Champion, Runner up, Champion Nationality and Score are all nominal categorical and the Years are the ordinal categorical variables. There are no quantitative variables

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

It is stored over several years. This is because the data is arranged so that the winner from each year is put down in ascending order. This is true for all the data sets.

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

The only numerical data in all the datasets where the Years. As such, it is hard to make a distribution of all the datasets

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 nationality won the most amount of times?
Question 2	Which nationality won the least amount of times ?
Question 3	Which person won the most number of times ?
Assumptions	The data is properly typed in. There are no errors.