Response Summary:

1. Student Information *

First Name	Liam
Last Name	McGuire
Major	Web Programming and Design
Course *(e.g. CGT 270-001)*	CGT 270
Term *(e.g. F2019)*	SP2022

2. Email Address *
(University Email Address is required.)
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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 *
Names: 83 names/characters
Gender: 17 Females, 3 Gender N/A, and 63 Males
Homeworlds: more than 75 listed
Mass and Height: 83 different values for each
Eye color: 13 distinct eye colors
Birth date: 39 unknown birth dates and 44 known dates
Skin color: 30 distinct skin colors

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. *
Everything apart from mass and height is nominal data since it lists categories that aren't mainly letters and are related to each other. Mass and height would be considered ordinal data. Same goes for most of the table being discrete data, as the height and mass would have to be calculated, as the rest of the categories were done by counting.

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 seems to be stored all in one time. It even says that the data here was updated all the way back to 2014, meaning it has not been updated in over 8 years. It isn't known if any users have updated this dataset with new characters.

7. Range and Distribution: what is the distribution of the data? Few values, small size, evenly spread, sparse or dense? Explain. *
The data is varied when it comes to certain categories such as skin color, hair color, birth dates, mass, height and homeworlds since they have over 20-30 different values and variables in them. As such, it is not evenly spread, with the only category that is evenly spread is gender since most Star Wars characters are males, making it the only consistent variable.

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 certain characters have different skin colors due to being from different homeworlds/races?
Question 2	Do the Jedi/Sith characters have taller heights consistently compared to non Jedi/Sith characters?
Question 3	What eye colors are the most common among the characters?
Assumptions	All the characters listed are the ones from the movies, which can give us better insight on the characteristics of the actor playing them.