

Response Summary:

1. Student Information *

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

2. Email Address *

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3. Visualization Assignment *

- Lab Assignment

Q16. How many questions have visualizations?

- Three

Q17. Question 1

Are Jedi/Sith characters taller than Non Jedi/Sith characters, or are they around the same level on average?

Q18. Question 2

What is the most common eye color among all these characters?

Q19. Question 3

Are skin color and homeworld related to each other/do they have a relationship or pattern?

Remember

Question 1: *

Are Jedi/Sith characters taller than Non Jedi/Sith characters, or are they around the same level on average?

Apply

5. Filter the data: Remove any duplicate or any data unrelated to answering your question. Provide a description of the filtered data (what is needed to answer your question). *

Here is a comparison of the height between Jedi/Sith characters and Non Jedi/Sith characters. The purpose like the question asks, is to find if Jedi/Sith are taller or around the same height as Non Jedi/Sith characters on average.

Evaluate

6. Next Step: Answer the following questions: *

<i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i>	Yes. There are quite a number of characters I can use, so it is more than enough data to figure out the answer to my question.
<i>Do you have the right data to answer Question 1? If yes, explain then proceed. If no, then revisit 'Filter the Data' question. Repeat until this answer is yes.</i>	Yes, I was able to find the height of each character in the dataset provided to me about the physical traits of Star Wars characters.

8. View 1 for Question 1 *

Please upload a .jpeg file

[\[Click here\]](#)

9. View 1 for Question 2 *

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[\[Click here\]](#)

Remember

Question 2: *

What is the most common eye color among all these characters?

Apply

Q41. Filter the data: Remove any duplicate or any data unrelated to answering your question. Provide a description of the filtered data (what is needed to answer your question). *

The screenshots provided list certain eye colors in certain circles, even if the color listed is under a different color, this is due to me not being able to align the colors with each. The other jpeg is a bar graph listing the overall number of characters with a certain eye color. It seems brown is the most common eye color, with it just barely beating blue.

Evaluate

Q43. Next Step: Answer the following questions: *

<i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i>	Yes. There are more than 80 characters listed in this dataset, with each listing their eye color.
<i>Do you have the right data to answer Question 2? If yes, explain then proceed. If no, then revisit 'Filter the Data' question. Repeat until this answer is yes.</i>	Yes. The dataset I was provided gave me eye color of all 83 of the listed characters.

Q44. View 1 for Question 2 *

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Q45. View 2 for Question 2 *

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[\[Click here\]](#)

Remember

Question 3: *

Are skin color and homeworld related to each other/do they have a relationship or pattern?

Apply

Q49. Filter the data: Remove any duplicate or any data unrelated to answering your question. Provide a description of the filtered data (what is needed to answer your question). *

These images provide some graphs. These graphs consist of skin colors being labeled as certain colors while homeworlds are listed as numbers. The next graph lists skin color and lists certain characters within that category while showing their homeworlds right by their names. It seems a relationship between skin colors and homeworld is plausible in some character's cases, but there is also evidence shown of characters both having the same homeworld yet have a different skin color, so it is sort of plausible.

Evaluate

Q51. Next Step: Answer the following questions: *

<i>Do you have enough data? Explain. If no, explain then revisit the Acquire Worksheet.</i>	Yes, I again have 83 characters to go off in the dataset I was provided.
<i>Do you have the right data to answer Question 3? If yes, explain then proceed. If no, then revisit 'Filter the Data' question. Repeat until this answer is yes.</i>	Yes, each of the 83 characters has their own skin color and homeworld listed.

Q52. View 1 for Question 3 *

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Q53. View 2 for Question 3 *

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