

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)	S2022

2. Email Address *

(University Email Address is required.)

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3. Visualization Assignment *

- Lab Assignment

Understand

4. Parse Data: List each field and its data type. Refer to Fry (page 8-9, 2007) for examples of description of different data types (string, float, character, integer), you can also create user defined types (some combination that uniquely identifies data like the Index type in the Fry 2007 page 9 example) *

For the first related/similar data source, I chose a dataset related to some of the species of certain Star Wars characters. I found this dataset on Kaggle. Most of them were strings data type wise, although there had been a couple of categories, such as average height and average lifespan, that were integers. For the second related data source, I chose data related the the heights of the characters/actors, as the names in this case would technically be considered strings, and the heights listed, being both feet, inches, and centers would be considered alphanumeric. The third data source is all the data types listed before since it is connecting the two sources. The two sources will be linked below:

<https://www.kaggle.com/jsphyg/star-wars?select=species.csv>

<https://www.celebheights.com/tags/242-2.html>

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *

Since both data sources have to do with species and height, these when used together can give us some data on what exactly certain characters from certain worlds/species look like. As the species can relate to skin color, which was a category listed in the Lab 1 dataset in Excel listing the physical characteristics and traits of Star Wars characters. Height could also play into species as it can relate to height in the previous data source in lab 1, as we can use to to predict their weight/mass, gender, and species. These are how I think all these sources are related.
