

Assignment 4

Run the code by opening the html file.

Description

I choose to visualize the data as clusters of stars (!!STAR!! wars).

Each of the small clusters contain data from each of the seven movies. The big cluster in the center contains the data from all the movies combined.

Stars (characters) and sorting

Each star represents a character. The stars are either orange (important/main character) or blue (non-important/side character). The stars are sorted after importance first and value second. This means that all the important characters are always closest to the center, and the stars are sorted after secondly.

Links (relationships)

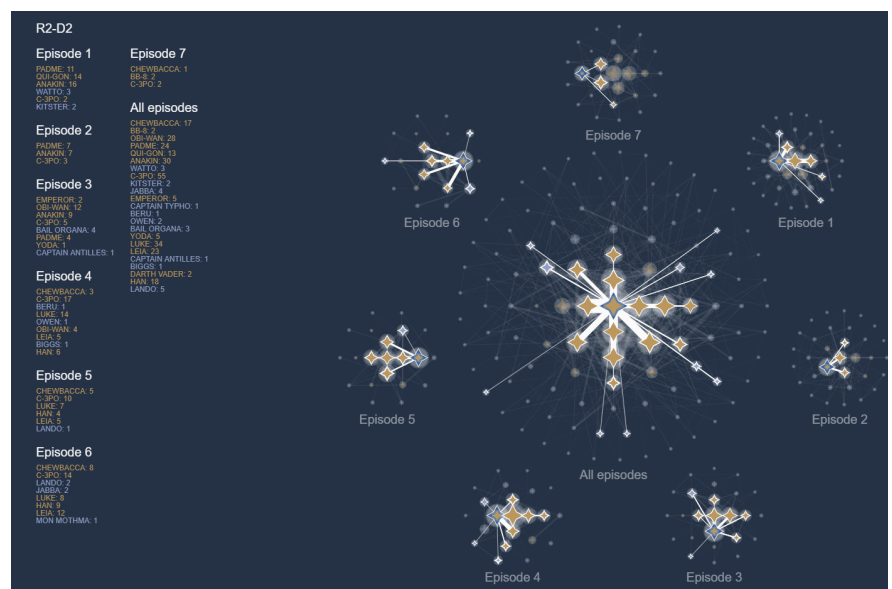
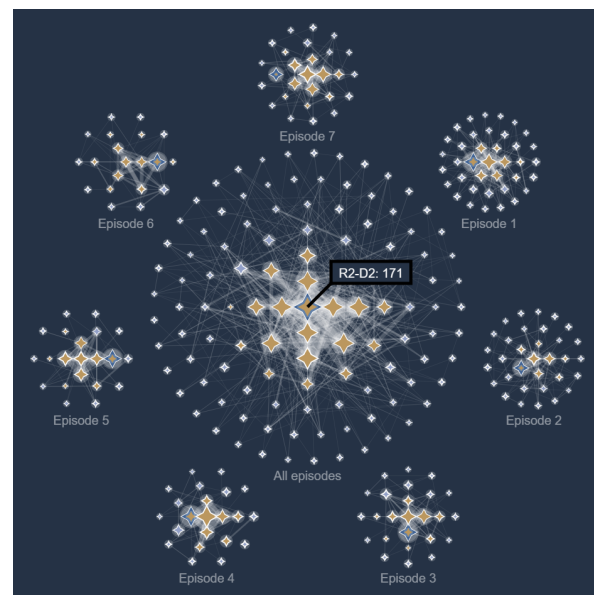
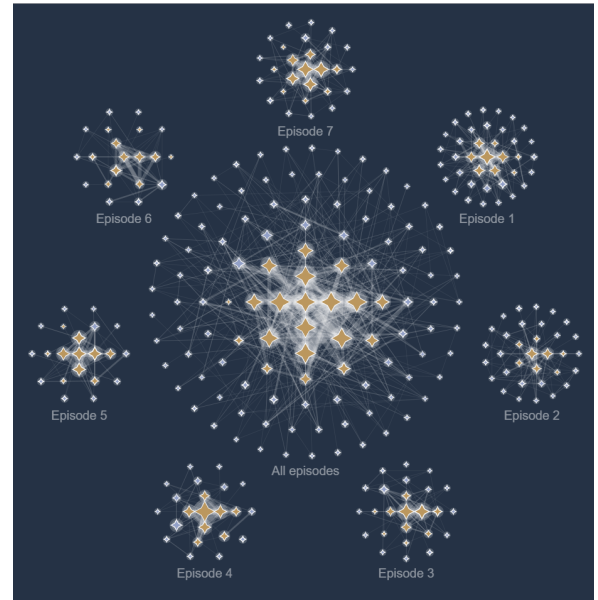
The links between the stars represent the relationships that they have. The thicker the link between two stars the more interactions those characters have had.

Hover & Tooltip

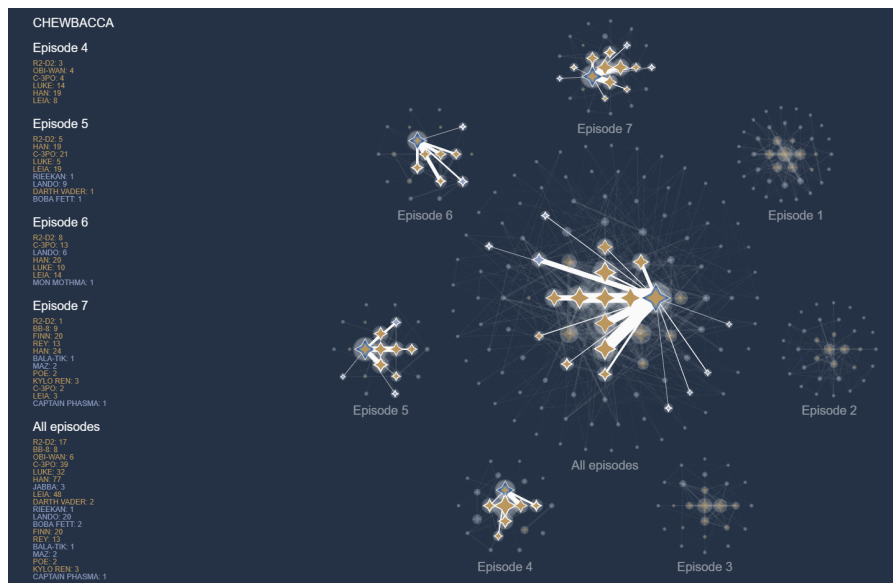
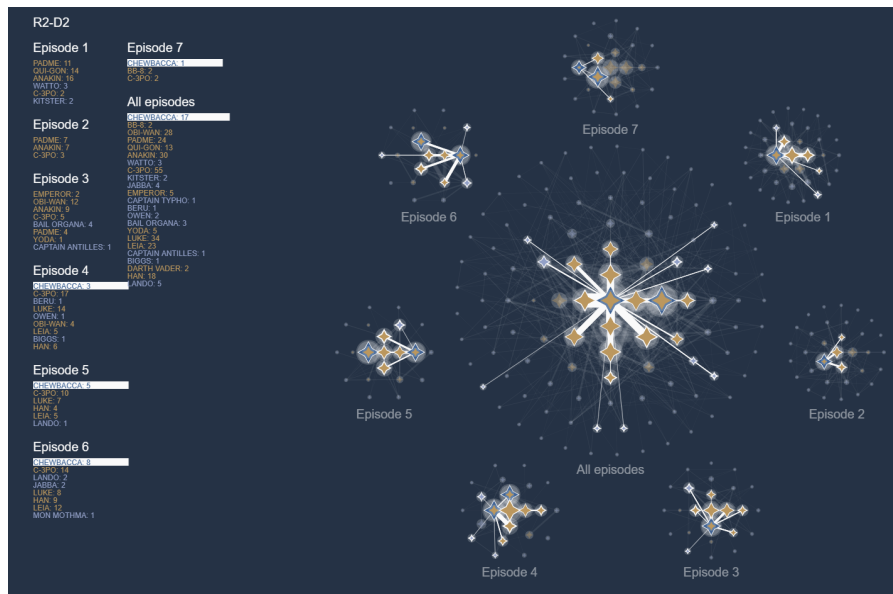
Hovering over a star will display the name of that character as well as their value. The stars representing that character will also be highlighted in all of the clusters.

Selection by clicking

A star is selected by clicking it. This will fade down all the links that are not related to that specific character, and intensify the ones that are related to the character. The selected star will also be highlighted. A menu will also open up with information about each of the relations. The characters keep their color in the menu as well. The user can hover over the information in the menu to highlight a specific



character in the clusters. This works both ways (the user can hover over a star to highlight that character in the menu). The user can click on the characters in the menu to select this star instead. (see two next pics)



Slider

I also implemented a slider that lets the user filter out the relations by max and min value. The slider will remove the relations that are outside of the range. This filtering works both for in the clusters and the menu.

