

Evaluation

I feel that overall, I have displayed a good and successful representation of the data provided, however I do feel like there could be some improvements.

Firstly, I do feel that my code could be more complex and ambitious. I tried my best to display the data in the most interactive way possible, but I think the amount of data within the dataset is a slight limitation for this as it is quite simple, disallowing for much of an in depth look into the data that perhaps another dataset may have allowed.

I am overall quite happy with the code written, yet I think there is also some hardcoding that could be fixed using variables to make the code easier to understand and modify within certain areas such as the coordinates for some items. I would also attempt to make the code link up better to make it easier to modify. This is because sometimes when changing the position of something within my code I have to rewrite the coordinates of a lot of other parts.

My graph clearly displays the negative correlation of the number of viewers as the seasons go on through the years just like how I wanted it to for my design goal. However, looking at my finished product I have noticed the way I have shown this pattern on a scatter graph using bubbles is a slightly boring/simple representation and maybe if I were to do this project again, I would present this data in a more interesting way. I also think a good option to add in would be the section displaying the data to allow the user to change to their visualisation of preference. For example, there would be the original option but then a bar chart option for the display to switch to. With more time I definitely would have attempted on adding this.

I wanted to make it so that when the transparent blue bar appears when hovering over a piece of data to highlight the season, this happens when anywhere within the column above the season is hovered over. Another thing I struggled to add in was displaying the y-axis due to running out of time. It proved difficult to match the y position in the for loop for displaying the points within the y-axis with the y position of the ellipses representing the data due to the way I had written my code; this now leaves a blank line on the left-hand side of the screen. However, the line does still work and is matched up with the scale of the data when displaying the views as the user clicks the ellipse.

Something else I would've liked to add with more time is a way for the user to see which n seasons had the largest difference between their average views and most watched episode views. I could've done this by allowing the user to select the seasons on the x-axis and have these highlighted. Then, have a button which highlights the data and calculates the difference between the average views and the most watched episode views, letting the user know which one has the largest difference. This would allow for a more in depth look into the dataset.