

1. What criticisms might be made – including, with hindsight, the goals you set – and what problems have you identified?

Some criticisms and problems I have identified have been that in my visualization it is difficult to read the studio initials I put on each of the points when the studio button is clicked so in hindsight I would change that to possibly control something else, maybe the shape of the point. Also when you press the mouse while hovering over a point on the graph the user is given additional information about the mouse however, I was unable to figure out how to get the information to stay on the screen and not just disappear when the mouse moved even if the mouse was pressed. Additionally, when a point is high on the screen and you hover over it and press the mouse you are sometimes unable to see all the information as it is cut off by the top of the screen. Some of the colors and outline colors are also difficult to differentiate; however I tried to make them noticeably differ as much as possible.

2. Include a critique of coding decisions, including possible ways to fix (do not provide code but state which code you would have to rewrite and how)

I would rewrite my buttons to make it more efficient and so I don't have to call the same functions in the same method multiple times. I would make creating the ellipses more effective and not make them through the genre function. I would also add some code when creating the information box to ensure that the user will be able to see all the information that is supposed to be displayed. I think that the way I chose to draw the points on the graph was not the most efficient, like creating a singular function that then checks if the genre, studio, and year buttons were pressed then it draws the circle would be more effective.

3. How could you improve your visualisation given more time and why (hint: do not focus on decoration)?

I would make the studio button have a more obvious and noticeable change between the different studios because currently due to the color and size it is difficult to read the initials of each studio on the point when the button is clicked. I would add more features to it, especially the table that is on the last page so the reader can sort through the data if they wish to. I would also solve the problem I had with the information sheet showing up and staying, as opposed to currently where it doesn't stay.