My project explored diversity in fashion. Specifically, I looked at a big player in the fashion industry - Vogue, as well as a quintessential aspect of fashion - the runway. I intended to investigate how the fashion industry has progressed in terms of diversity in a growingly inclusive world.

My project features several highlights. Firstly, to display the spread of skin tones on Vogue magazine covers, I have implored the use of a scatterplot (Chart.js, 2023). Each plot matches the skin tone of the mode, by using the 'tone' column in the datasheet, the creation of an array and codes supplemented by OpenAI (2023). Hovering over each point also showcased the names of the models, coded with help from OpenAI (2023). This is an efficient way to visualise the spread of skin tones, as the reader is able to see how many covers each model has while pitting it against the skin tones. It also helps to show the overall distribution of skin tones.

Secondly, I used a slideshow to allow readers to look at the covers of models with the lightest and darkest skin tones. I adapted the code from W3Schools, and utilised my own knowledge (e.g. img src, onclick) to modify it. I edited the CSS file to match my website's aesthetics and resized pictures and buttons. I intended to make a magazine cover instead but was unable to due to a lack of understanding of using Turn.js and jQuery. Hence I used a slideshow gallery to replace it.

Thirdly, the runway 'filler' portion was designed with the intention of looking like the words "RUNWAY" is walking down a runway. While the reader focuses on the words runway, the surrounding objects move behind, just like how when models are walking down a runway they are in focus, walking past people around them. I did this by using a 'sticky' element (W3schools). It was centralised with help from Silber (2013). This makes the website more in theme with the topic. The scrolling effect of the background was modified from Ogbemudia (2019). The choice of pictures in the background foreshadows the topics I will be discussing later.

Fourthly, I have a bar graph for plus-size models that allows the reader to add and remove data on seasons. This makes the website more interactive and showcases the differences between seasons with animation. I made my bar graph using concepts learnt in class (week 7). I used concepts learnt such as push, splice and update to code, and used OpenAI (2023) to debug my initial code.

The entire webpage was designed from scratch without the use of any existing templates. Colour theme was chosen from vanschneider.com and Hyak. The font for the webpage is the same as what Vogue.com uses. It was edited using concepts learnt in class (e.g. styling fonts, and colours of sections using DOM elements).

The biggest challenge was to format my page aesthetically. Since I did not use a template, I had ideas on how I wanted each part of my webpage to look, but lack a cohesive vision in mind. I overcame this by trial and error and exploring different ways of formatting my webpage until it looked good enough. Along the same vein, I learnt that it is important not to give up. As I was exploring new ways of coding, I had many errors. Googling these errors sometimes made no sense, and only made me more frustrated as my vision was not coming to life. However, completing this project proves that I just need to persevere and continue searching for answers, learning more in the process. Especially since this is my first time coding, it taught me that there is more than one way of solving a problem (through codes) and understanding the codes makes it easier to modify.

Altogether, completing this project taught me perseverance is a virtue. Although I may not have all the available knowledge or skills to build my vision, I can always approach others (or A.I.) for help. Learning how to creatively use my existing knowledge of codes can also bring me far.

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