Diary Entries

W9

Goals:

1. Create the basic structure of a website in html.
2. Make sure that the format of the website is organised and intuitive through css styling
3. Identify what kinds of interactions I would like to have in my website (Researching for Js functions/events)

What I have accomplished: (10 hours)

HTML:

- Created the basic structure of the website using a suitable template I found online. (https://github.com/russellsamora/scrollama)
- Input the content that I have curated for my data story, I also read up on different data story guides to help inform me of my next steps. (https://medium.com/kontinentalist/so-you-want-to-code-a-data-story-42c73443fa3/ https://pudding.cool/process/introducing-scrollama/)
- Link to correct CSS and JS files.

Errors faced:

1. The template that I used had all the code collated into one html file
   → I had to separate the css code and js code and link them to external .js and .css files correctly
   → I had to troubleshoot what unnecessary codes to remove, how to properly separate the codes and use the right script src and link href for css as some of them used external online sources.

CSS:

- Cleaned up and adjusted the dimensions of the various classes/sections present in the html.
- Selected and styled main elements such as header, footer, and main content area
- Changed colours, fonts, and design elements to enhance overall look of website

Errors faced:

1. The format of the website was too small, it was unable to fit the content that I wanted to present properly.
2. The fonts being used were linked to an external online source that I was quite confused about → So I changed the overall fonts used and removed the links to the external sources & used presets that were already there instead.

JS:

- Using the template, shift from utilising d3 to DOM selectors.
- Understanding how the various functions worked: scrollers/resize functions.
- Added eventlistener to certain functions to ensure proper dimensions are sent to the template library for it to work properly.

Errors faced:

1. I was unfamiliar with d3 selectors and felt more comfortable using DOM selectors, so I researched ways to be able to shift from one to the other.

2. I wanted to have my visualisations transition from one to another as the user scrolls through the webpage, but I am restricted by a certain function/css (I have yet to find) that allows me to do so.

W10

Goals:

1. Finding the right charts for my data and inputting them.
2. Find out how to use the scrollama library to allow for a smooth transition between chart to chart when scrolling.

What I have accomplished: (5 hours)

HTML:

- I read up on the resources given in the mod to choose appropriate charts to use.
- Inputting the charts I created from (https://flourish.studio/)

CSS:

- Making sure that the charts that I input fit with the area that I had catered for them in the webpage by editing the dimensions of the different tags in html.

JS:

- Trying to transition from chart to chart as the user scrolls through the webpage using scrollama's functions. There is a fixed <figure> tag that is pinned to the

Errors faced:

1. I was not able to make any changes to my code that will help input different charts into the <figure> tag in the html and have them show one by one as I scroll through my webpage. I tried these steps:
    a. Giving a separate <p> for each chart and giving each chart a unique class → updating the handleStepEnter() function in my JS code to dynamically update the <figure> tag with the appropriate chart based on the current step (progress of scrolling) by using a switch statement that checks the value of response.index and updates the <p> element with the corresponding class name. → Add CSS style for the specific class that I used with the JS functions to make the corresponding <p> visible.
    b. Giving a separate for each chart within the <figure> tag → updating the handleStepEnter() function in my JS code to update the content of the <figure> tag with an appendChild function → Edit CSS by editing the <figure> tag's position.
    c. In a last ditch effort, I tried to swap around the positions to make the charts stick and the text be relative to scrolling but it did not look presentable and clear for the user to read.