

Week 11 report: Concepts used

Week	Concept	How I have used it	Line Number	File Name
7	Creating a bar chart	Created a vertical bar chart to show the kessler-6 scores of migrant workers and colour-coded the unhealthy group (k6 score of 13 and above) using red.	396-429	main.js
7	Creating a doughnut	Created doughnuts to show the nationality distribution and group with reported financial barriers.	432-501	main.js
5	addEventListener	To make the doughnut charts appear when keywords are clicked. When the phrase "Bangladeshi workers" is clicked, the chart with id 'kchart' appears to show the proportion of Bangladeshi migrant workers who experience psychological distress. When the phrase "financial barriers" is clicked, the chart with id 'kbar' appears to show the proportion of migrant workers with financial barriers.	503-522	main.js

		I then used ternary operators to show the charts using 'block' when the display is set to 'none' and the charts are not showing, and then to set the display to 'none' when the charts are shown.	514-516, 519-521	
1	CSS	Edited the layout such that the information is presented vertically and not side-by-side using flex.	95-98, 249-251	appstyle.css
1	CSS	Added div elements 'psych' and 'kessler' and arranged them using a flexbox layout to present the information in these elements side-by-side on the website.	254-282	appstyle.css

Difficulties encountered:

I am struggling with using CSS properties to edit the layout of my page. Since there is various information being presented in the same div element, it is difficult to edit one part of it without adjusting the format for the rest of the element. For instance, I had used flexbox to present my chart of the Kessler score of migrant workers on the left and the text description on the right. However, this caused the rest of my titles to be shifted to the left, which I have yet to figure how to fix. Furthermore, my site still appears messy with gaps between the information, and my doughnut charts appear in different sizes everytime the keywords are clicked.