Week 9

Concepts (from week 2-8) that I intend to use in my final code

Week	Concept	How I've used it	Line no.	File name
2	Adding links and images to a webpage	I added an image of a Singapore cityscape to the top of the webpage.	10-11	index.html
		I added links to other websites such as https://www.samhealth.org.sg/ to serve as additional resources related to the topics of mental health and mental illnesses with the intention that informative resources could help in destigmatising harmful attitudes towards mental illnesses.	161, 165, 169	
		I added margins and paddings to style my web page.	1-2, 8-10, 28, 37, 61	appstyle.css
3	Declaring and assigning values to variables	I declared variables and assigned them values corresponding to labels and datasets for my various charts.

Since variables are used extensively throughout the code, I will provide one example of the line number for sake of conciseness. | E.g. 2-7 | project.js |
4	getElementById()	I plan to use getElementById() in order to get the id of my button and attach an event listener to it (see below).	88-98	index.html
5	Event listener	I plan to add event listeners that are activated when the user clicks buttons e.g. "See other dataset" so they can see another chart.	88-98	project.js
6	Creating arrays and adding elements to them	I used arrays to store values corresponding to data points for my various charts.	E.g. 2, 3	project.js

		Since arrays are used extensively throughout the code, I will provide only two examples of the line number for sake of conciseness.		
7	Making basic charts using Chart.js e.g.line chart	I used bar charts (horizontal and vertical) to visualise data.	101-193	project.js
8	Making basic charts using Chart.js e.g. bar plot	I explored charts under Chart.js other than the ones shown in the videos (which was encouraged via our happinessbarchart codealong submission), such as donut and radar charts.	1-82, 195-501	project.js

Some details about the project: e.g. the idea and what data you're using (Q1 and 2 of Week 10).

1. What is your project about? *(A 1-2 word answer that describes your main focus, e.g., climate change)*

My project is about adolescent attitudes towards mental illness, particularly in the context of Singapore.

I wish to pose to readers the question of why Singapore's youths, in the modern context, are holding such negative attitudes about mental illness by presenting the stigma associated with mental illness via my data story. I wish to provoke readers to think about how such attitudes might manifest in real life.

2. What is the data you plan to use? *(A link to the dataset with one sentence describing it)*

This is the link to the research paper with the datasets I will be using:
https://bmjopen.bmj.com/content/bmjopen/7/10/e016432.full.pdf

I will be using data from tables 1-5 which covers the socio-demographic make-up of survey respondents, survey results as well as their PCA analyses.