**Interim Project Submission (Week 9)**

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| --- | --- | --- | --- | --- |
| Week | Concept | How I’ve used it | Line number | Filename |
| 2 | Organizing webpage data | Separating webpage into different sections:   * Head * Body * Headings and subheadings | 21-25 | Index.html |
| 3 | Functions | I created a basic function to show text, using what I learnt in Week 4 which is the document object model | 27-29 | Main.js |
| 4 | Document.GetElementById | I will use it to display different texts and data according to what button is clicked | 28 | Main.js |
| 5 | Buttons | I will use this to click on what statistics I want to find out | 32-36 | Index.html |
| 6 | Arrays | I created empty lists/arrays to insert my data in subsequently | 3-7 | Main.js |
| 7 | Insert Chart.js linechart | I will add a linechart into the content section, but for now a cat is replacing the potential linechart. | 45-49 | Index.html |
| 8 | I’m really not sure, I’m sorry |  |  |  |

**Week 10 Diary Entries**

1. What is your project about?

Sexual assault

1. What is the data you plan to use?

I plan to use statistics from the Ministry of Social and Family Development, tracking the trends in [rape](https://www.msf.gov.sg/research-data/research-reports-data/support-families-and-parents/article/Violence-Rape-Victims) and [outrage of modesty](https://www.msf.gov.sg/research-data/research-reports-data/support-families-and-parents/article/Violence-Outrage-of-Modesty-Victims) from 2012 to 2019.

1. What is the question you plan to answer?

How many cases of sexual assault and outrage of modesty are there in Singapore?

1. Why is this an important question?

Because sexual assault is [often on the headlines](https://www.todayonline.com/singapore/nus-undergraduate-monica-baey-among-three-women-awarded-gender-equality-efforts) but we are not aware of the extent to which it is prevalent in Singapore. In Singapore, there are [many many reports on sexual assault](https://www.police.gov.sg/media-room/news/20220412_police_sexual_assault_awareness_seminar_2022) each year (about 9200) but only a few actually get convicted. Many victims [also do not report the abuse they suffered](https://www.todayonline.com/voices/why-most-victims-sexual-assault-do-not-report-their-abuse), leaving many in the dark. I hope to be able to bring up conversation regarding this topic in my dataset.

1. Which rows and columns of the dataset do you plan to use, to answer this question?

Rows I plan to use: Years where sexual crimes were committed [2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019]

Columns I plan to use: Number of females/males who were victims of sexual crimes

Graphical user interface, application

Description automatically generated

Graphical user interface

Description automatically generated

My own notes :’)

Example of data story:

<https://public.tableau.com/app/profile/andy.kriebel/viz/EPLInjuries/InjuryCrisis>

Example of how to craft data story:

<https://help.tableau.com/current/pro/desktop/en-us/story_best_practices.htm>

**Week 11 Diary Entry**

I plan to use a line graph to show the data across the years. I also plan to provide two views of sexual assault data, namely outrage of modesty and rape, and an overview of the statistics later on calculated using JavaScript.

Originally, I tried to put all three graphs on one canvas, where I would use an interactive button to swap between them. However, when I tried to switch between my data using the interactive button, my code broke. I did not know how to solve it, and realized my method of using a function to call for different charts may not have been the most intuitive.

I realized this way of presenting data was also quite messy and unintuitive. Instead, I opted to display the three graphs on 3 separate canvases on their own, where I plan to find other ways to make it more interactive.

During this stage, I also created placeholders for bits and pieces of information I may want to add more of into my dataset to breathe life into the issue of sexual assault. I am still not very sure how I can integrate these datasets, or if it will be possible for me to show some more insightful thoughts about sexual assault in Singapore. But for now, I think this works. Here are some of the datasets I have consulted at this time:

Sexual assault

<https://www-statista-com.libproxy1.nus.edu.sg/statistics/1302735/singapore-sexual-assaults-committed-by-youth/> (Sexual Assault by Youths)

Outrage of modesty

<https://www.police.gov.sg/media-room/news/20220412_police_sexual_assault_awareness_seminar_2022> (Percentages compared to sexual assault as a whole)

<https://www.straitstimes.com/singapore/more-molest-cases-in-2022-such-offences-at-nightspots-spike-over-500-police#:~:text=SINGAPORE%20%2D%20The%20number%20of%20outrage,nightlife%20operations%20in%20April%202022>. (Night clubs)

<https://www.straitstimes.com/singapore/courts-crime/about-40-per-cent-of-sexual-assault-cases-from-2017-to-2019-involved-victims>

<https://www.straitstimes.com/singapore/courts-crime/more-sexual-assault-cases-involving-those-under-16-committed-by-family-members-and-relatives#:~:text=SINGAPORE%20%E2%80%93%20The%20number%20of%20sexual,were%20247%20cases%20in%202021>.

**Week 12 Diary Entry**

Week 12: (Suggested) Write the storyboard for the data story. Report the errors and challenges you are facing.