**Project Details**

Idea

* Exploring the importance of mental health and the need to raise awareness for it due to its significant impact on our lives
* Raising awareness 🡪 reduces stigma 🡪 more people willing to seek help 🡪 more likely to get better

Datasets used

* suicide\_total\_deaths.xlsx from Gapminder (<https://www.gapminder.org/data/> > Health > Mental Health > Suicide, total deaths
* Annual number of unique Singapore residents aged 30 years and below who sought care in a public or private healthcare institution for a psychiatric condition between 2013 and 2019 (<https://www.moh.gov.sg/news-highlights/details/breakdown-of-data-on-number-of-patients-with-mental-illness-or-psychiatric-issues-in-private-and-public-health-institutions-by-age-range/>)

**Storyboard**

Problem

* Mental health is not talked about enough
* There is still stigma surrounding mental health issues, and people generally find it difficult to speak up about their personal experiences

Statement 🡪 Question

* How can we share the importance of mental health and raise awareness for it in the process?

Data

* Gapminder data on total deaths by self-inflicted injuries in various countries (under mental health) 🡪 This highlights how mental health can bring about dire consequences when neglected
* Data showing an increasing trend in the number of people seeking help for their mental health issues 🡪 Shows how raising awareness can encourage people to seek help and get better 🡪 This data also corresponds with the decreasing trend in suicide rates being correlated to more people seeking help over the years

Visualise

* Bar chart
* Line chart

**Project Document**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Week | Concept | How I’ve used it | Line number | Filename |
| 2 | Adding links and images/tables to a webpage | I plan to add an interactive button which would link to a website with hotlines for mental health support | 73 | finalProject.html |
| 3 | Declaring and assigning values to variables + math and functions | I plan to calculate the rate of increase in the number of people who sought help for their mental health issues in Singapore | 115 | finalProject.js |
| 4 | getElementbyId() (functions, objects, and the Document Object Model) | I plan to add a function which triggers a window alert when the user clicks on the interactive “Click me!” button in line 221 of finalProject.html | 116 | finalProject.js |
| 5 | JavaScript, HTML, and the Document Object Model; event listeners | I plan to add a click counter which counts the number of times users click on the “Click me!” button in line 221 of finalProject.html | 117 | finalProject.js |
| 6 | Data structures (collections and arrays) and loops | I used arrays when I typed in my data points into the datasets in finalProject.js | 42 | finalProject.js |
| 7 | Creating bar chart and importing data | I imported data from the excel sheet (suicide\_total\_deaths.xlsx) into finalProject.js | 37-73 | finalProject.js |
| 8 | Filtering data | I filtered data in the excel sheet (suicide\_total\_deaths.xlsx) | Sheet titled “filtered” | resources > suicide\_total\_deaths.xlsx |