**Week 12**

**Challenges faced:**

| challenge | line | File name |
| --- | --- | --- |
| Issue: background image was not filling up the entire screen and there was a weird margin around the image  Solution:  body{  overflow-x: hidden;  margin: 0px;  }  Setting margins to be 0px (with help from jeremiah!) | 12-16 | css |
| Issue: there was a weird padding at the right side  Solution:  Setting overflow-x to be hidden to prevent scrolling to the sides (with help from jeremiah)  body{  overflow-x: hidden;  margin: 0px;  } | 12-16 | css |
| Issue with map:   1. the years are in odd intervals, 1990,2000,2010,2015. Slider is set to intervals of 5, therefore in years with no data, the map is empty, making it very displeasing 2. The year 2015 is unable to appear on the slider 3. Colors of map are not distinct enough to show the changes over time | 64-66  250-362 | Index.html  main.js |
| Issue with graph styling:  Not sure how to change the colors of labels | 124-125 | index.html |
| For the stacked bar plot and map, I initially tried to use my own csv file and it did not work, but later learned that the csv file needs to be connected to the server! | 253, 367 | main.js |
| For the stacked barplot, I also realized that my data was not properly filtered which made it difficult to split and slice. Consulted Prof, and used “transpose” in excel to make the rows into columns to easily fetch data. Was also not sure how to stack the bars, did some research on google and found out that I had to add “stack: ‘stack1’ ”, to each data set  label: "Wildfire",  data: table[6].slice(1),  borderWidth: 2,  backgroundColor: "rgb(100,100,100)",  borderColor: "rgb(100,100,100)",  stack: "Stack 1" | 365-462 | main.js |

**Progress made:**

| Progress | Line number | File name |
| --- | --- | --- |
| Added map for annual rate of deforestation worldwide using session 12 codealong steps as well as connected csv file to server (with help from jeremiah :D ) | 63-66  250-362 | Index.html  main.js |
| Added stacked bar plot for causes of deforestation in brazil, connected csv to server. I also took reference from session 9 code along as well as chart.js website to code up the stacked bar plot | 125  365-462 | Index.html  main.js |
| Added typewriter effect for “what is deforestation” | 24  230-247 | Index.html  main.js |
| Changed the iframe for my youtube video: rounded corners, added borders, to make it look more appealing | 55 | index.html |
| Used flex for the two “drivers of deforestation” graphs | 123-126  416-427 | Index.html  css |
| Used flex for “onclick, image change to explain why beef consumption has increased” | 134-141  430-443 | Index.html  css |
| Made changes to the containers (changed the background colors, set the height to 100%)and numbered each main container to make it easier to see | Container 0-10 |  |

**New data (drivers of deforestation in brazil over time):**

* <https://www.globalforestwatch.org/dashboards/country/BRA/?category=summary&location=WyJjb3VudHJ5IiwiQlJBIl0%3D&map=%3D&showMap=true&treeLossPct=eyJoaWdobGlnaHRlZCI6ZmFsc2V9>

New plans:

* Make world map with slider (don't have to be autoplay)
  + For annual deforestation globally over time
  + Say that peak was in 2000 and it still leaves permanent impacts on biodiversity till this day

OR

* Make map with slider for south america only (where the amazon is)
* Add map of where the amazon is for comparison
* Add stacked bar plot for drivers of deforestation in brazil (csv created)
* Add what people can do to help reduce deforestation at the end
* Change falling dots to trees
* Restructure with flexbox if needed

Questions to ask:

* ~~Elements issue~~
* ~~Weird padding on the right~~
* ~~Background not filling up entire screen~~
* Pledge
* How to make stacked bar plot
* How to make map
  + Years do not have consistent intervals
  + Csv file ok?

Structure

* Intro
* **Global map of deforestation + slider (session 12)**
* LPI
* Affected species
* Share of deforestation
* **Deforestation of amazon over the years (map picture + bar chart (add variable)) (session 11)**
* Main drivers of deforestation
* **Drivers of deforestation of amazon over the years(stacked)(session 9)**
* Why should i care
* What i can do to help
* **Pledge**
* Contact form