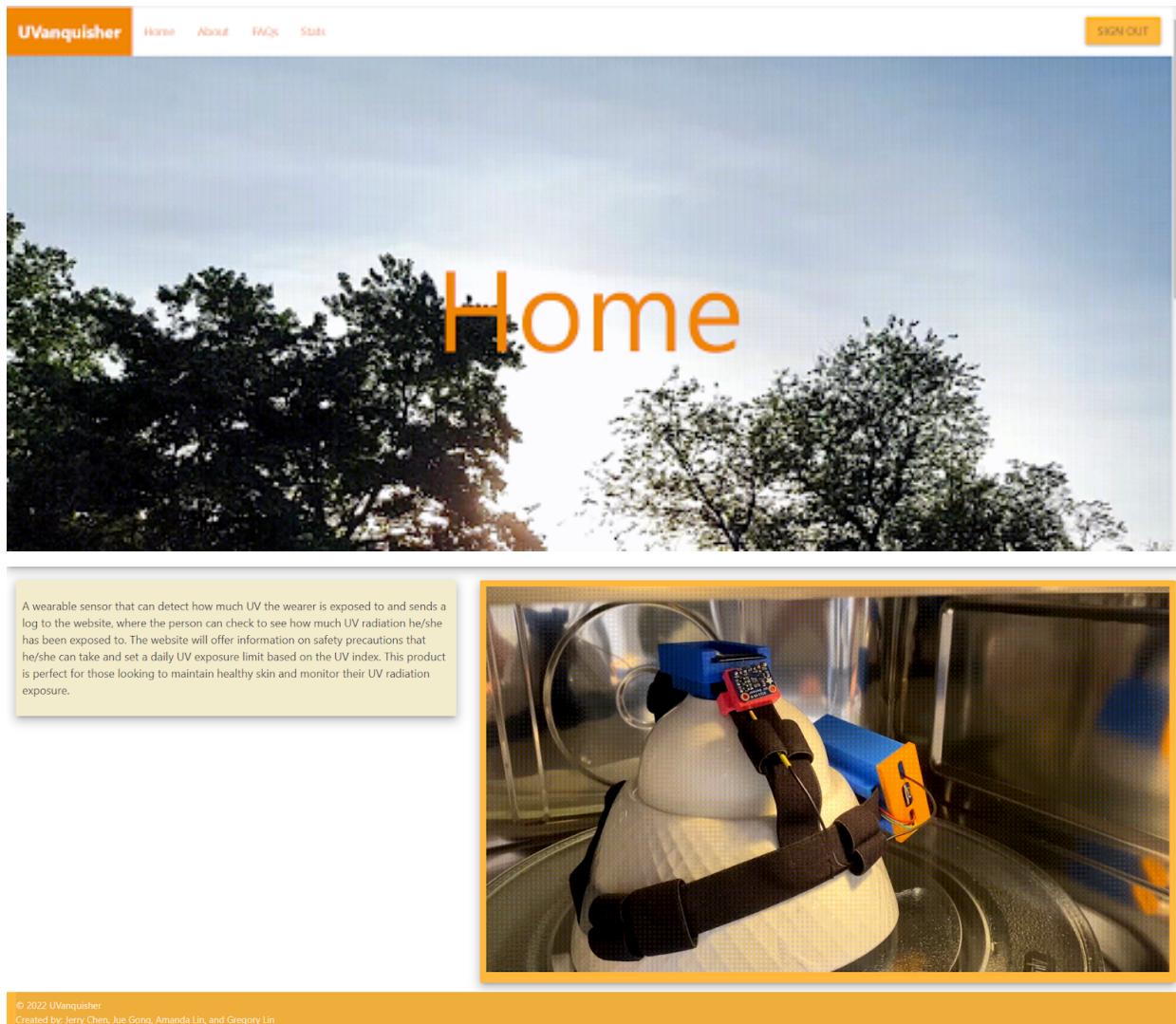
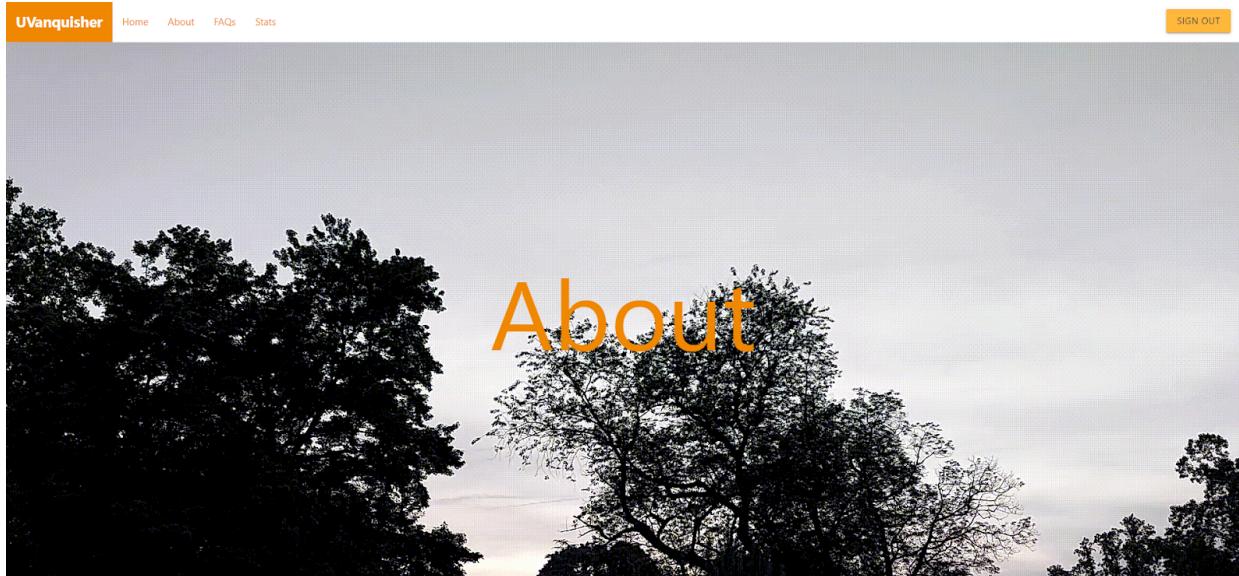


## Website Screenshots



**Figure 1:** Home Page



## About the Design:

Our design utilizes the Adafruit SI1145 Digital UV Index / IR / Visible Light Sensor to calculate UV index. The circuitry is powered by a mini solar panel, which gives the product an inexhaustible source of energy and eliminates the worry of running out of battery in the middle of the day. These two components are oriented towards the top of the head to produce the most possible contact with sunlight for highest accuracy in results. The stretchy headband allows you to adjust the size to perfectly fit your uniquely-shaped head while fashionably containing the wires. Furthermore, the 3D-printed component holders and caps give the product the structural integrity needed to resist daily wear and tear.



## About the Team:

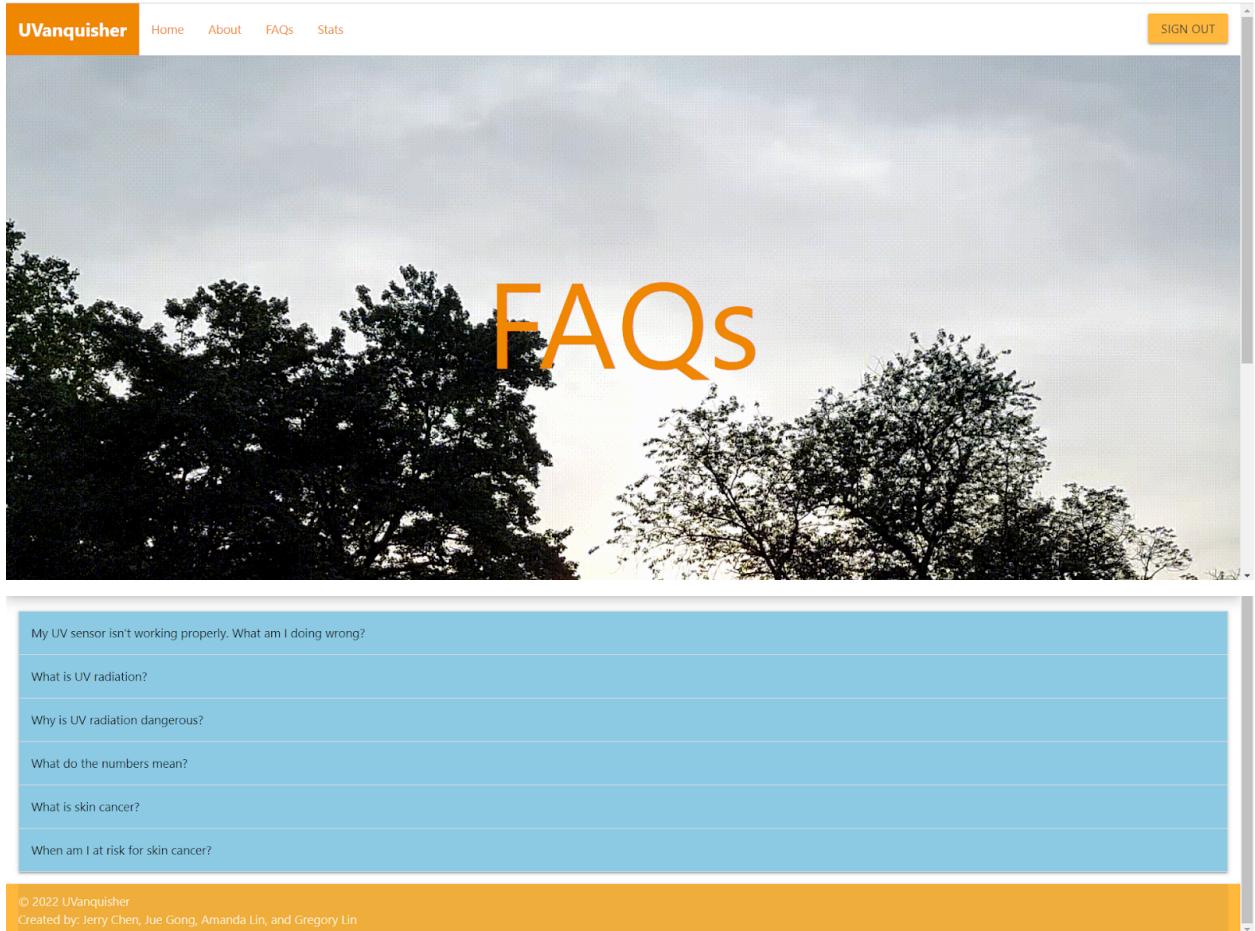
The UVanquisher team is composed of two subgroups: BME and CSE. Both groups worked in tandem with each other to bring you this wearable sensor product. Our goal is to make anti-UV exposure technology accessible to all across the globe and eventually make a significant contribution by decreasing the incidence and death rate of skin cancer.

**BME** - The BME group mainly focused on the design of the product. The team was composed of two members: Greg and Jerry.

**CSE** - The CSE group mainly focused on the functionality of the website and circuitry. The team was composed of two members: Amanda and Joy.



**Figure 2: About Page**

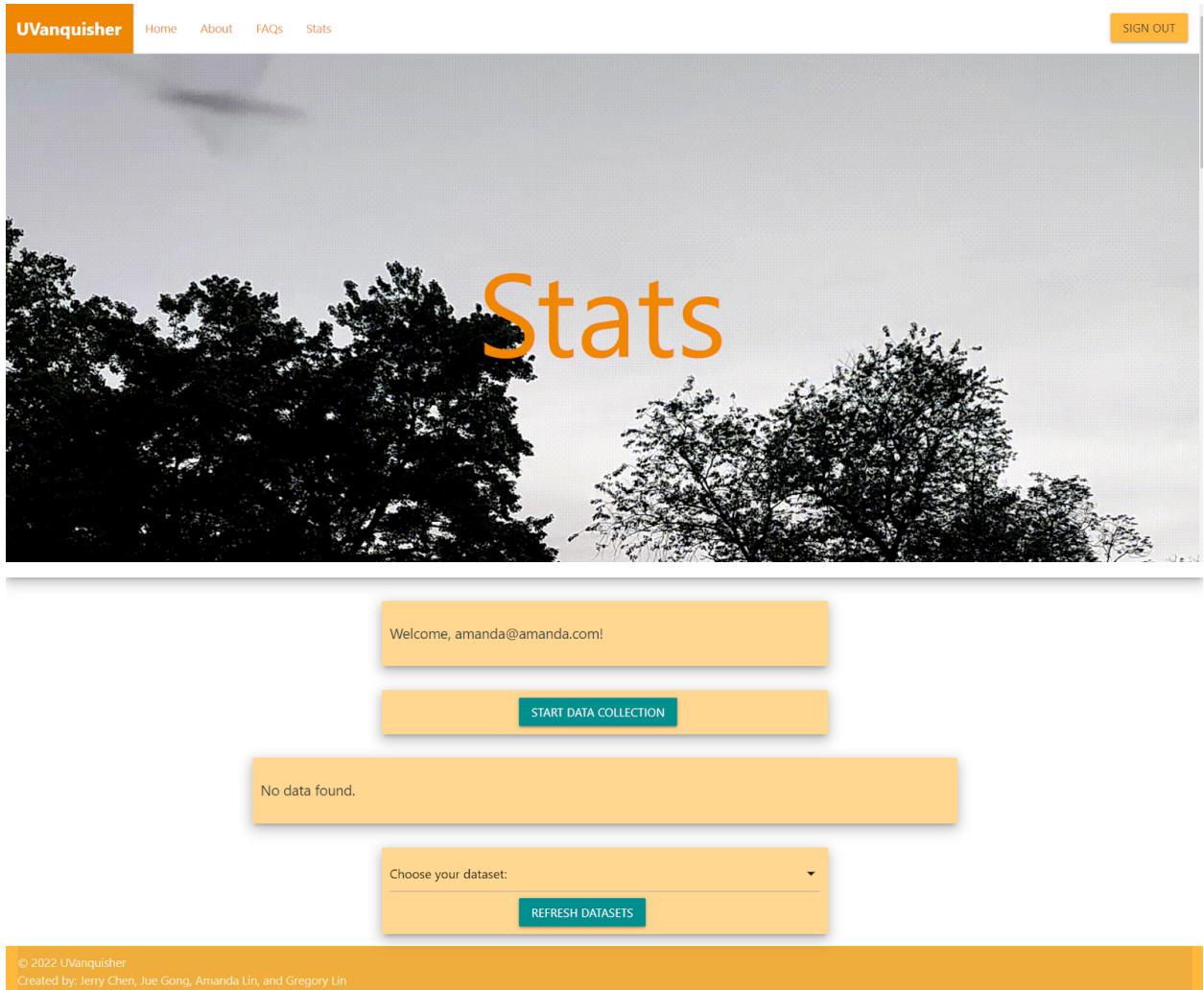


The screenshot shows the 'FAQs' page of a website. At the top, there is a navigation bar with the logo 'UVanquisher' and links for 'Home', 'About', 'FAQs', and 'Stats'. On the far right of the navigation bar is a 'SIGN OUT' button. The main content area features a large, semi-transparent orange title 'FAQs' centered over a background image of trees against a cloudy sky. Below the title, a list of frequently asked questions is displayed in white text on a blue background:

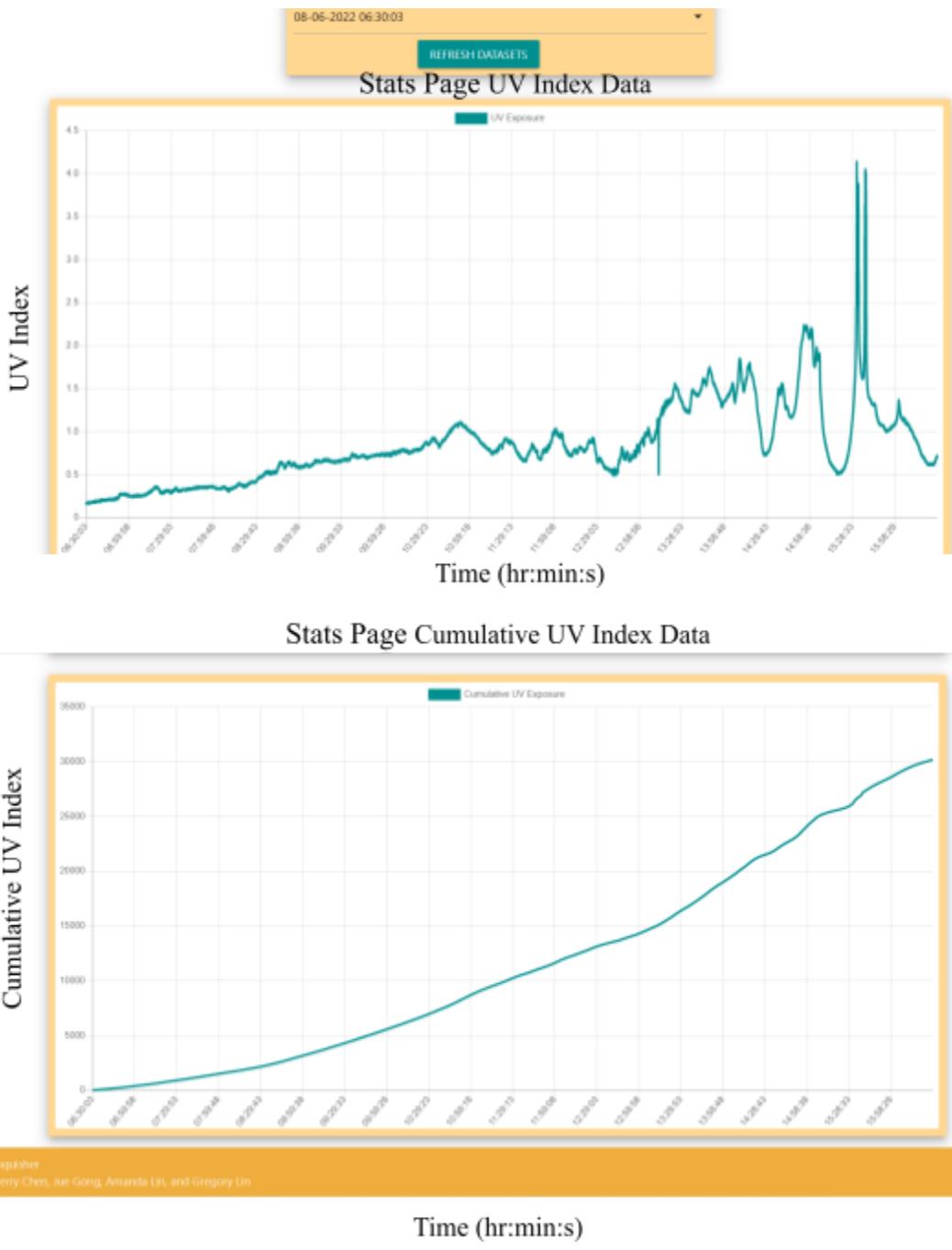
- My UV sensor isn't working properly. What am I doing wrong?
- What is UV radiation?
- Why is UV radiation dangerous?
- What do the numbers mean?
- What is skin cancer?
- When am I at risk for skin cancer?

At the bottom of the page, a yellow footer bar contains the copyright information: '© 2022 UVanquisher' and 'Created by: Jerry Chen, Jue Gong, Amanda Lin, and Gregory Lin'.

**Figure 3:** FAQs Page



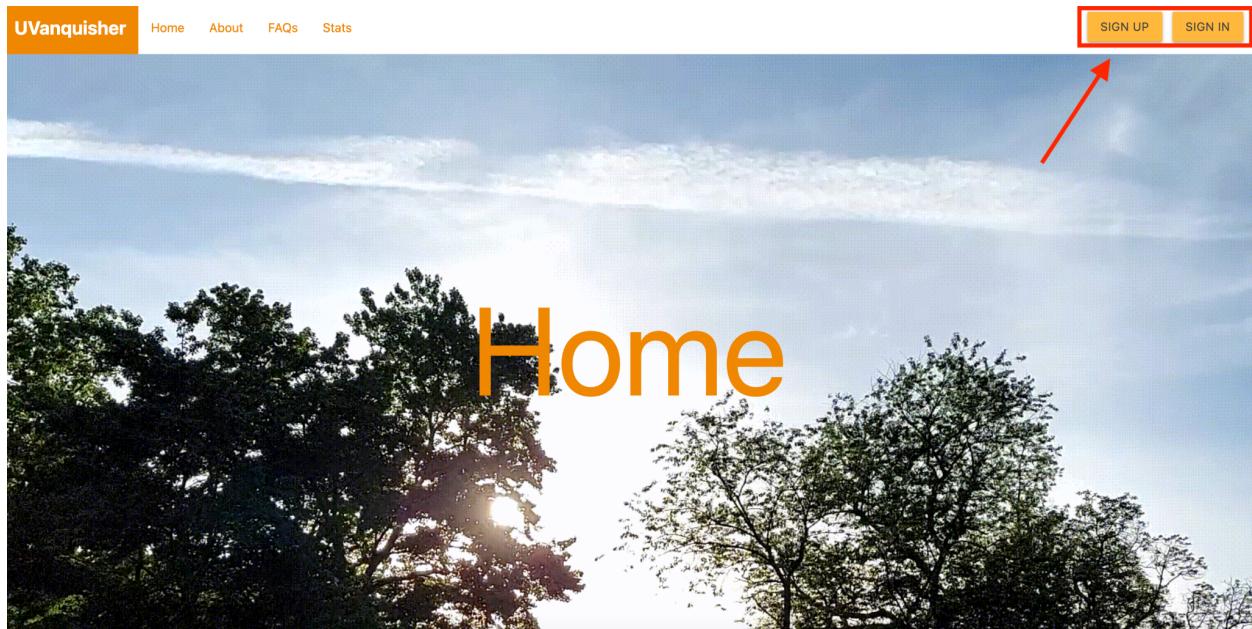
**Figure 4:** Stats Page (No Data)



**Figure 5:** Stats Page (Data)

## **Steps to View Data**

1. Sign in into the account. If you're new here, please sign up with your email!



The image shows a sign-up form overlaid on the home page background. The form has three input fields: "Email", "Password", and "Confirm Password", each with a corresponding horizontal line for input. Below the "Password" field, an error message "Please enter a password" is displayed in orange. At the bottom right of the form are two buttons: "CANCEL" and "SIGN UP", with "SIGN UP" also enclosed in a red rectangular border. A red arrow points from the bottom right towards the "SIGN UP" button. The background of the form is white, and it features the large orange "Home" text at the bottom.

Email
Password
Confirm Password
Please enter a password
CANCEL
SIGN UP

2. Navigate to the stats page of your account.

The screenshot shows the UVanquisher stats page. At the top, there is a navigation bar with links for Home, About, FAQs, and Stats. The Stats link is highlighted with a red box. Below the navigation bar, there is a yellow header bar with the text "Welcome, amanda@amanda.com!". Underneath it is a teal button labeled "START DATA". The main content area has a yellow background and displays the message "No data found." A red arrow points from the "No data found." message down to a red circle around a dropdown menu icon. The dropdown menu is open, showing the text "Choose your dataset:" and a teal "REFRESH DATASETS" button below it.

UVanquisher

Home About FAQs Stats

Welcome, amanda@amanda.com!

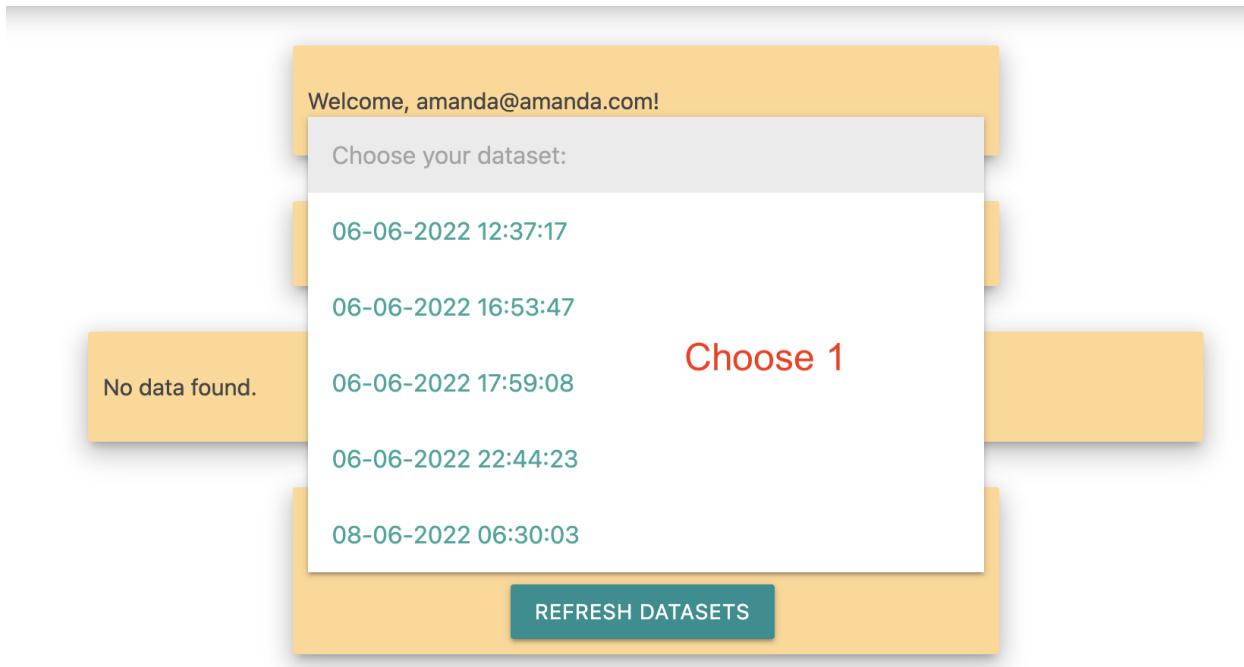
START DATA

No data found.

Choose your dataset:

REFRESH DATASETS

3. Select your dataset (refresh datasets if necessary).



4. View your graphs :)

