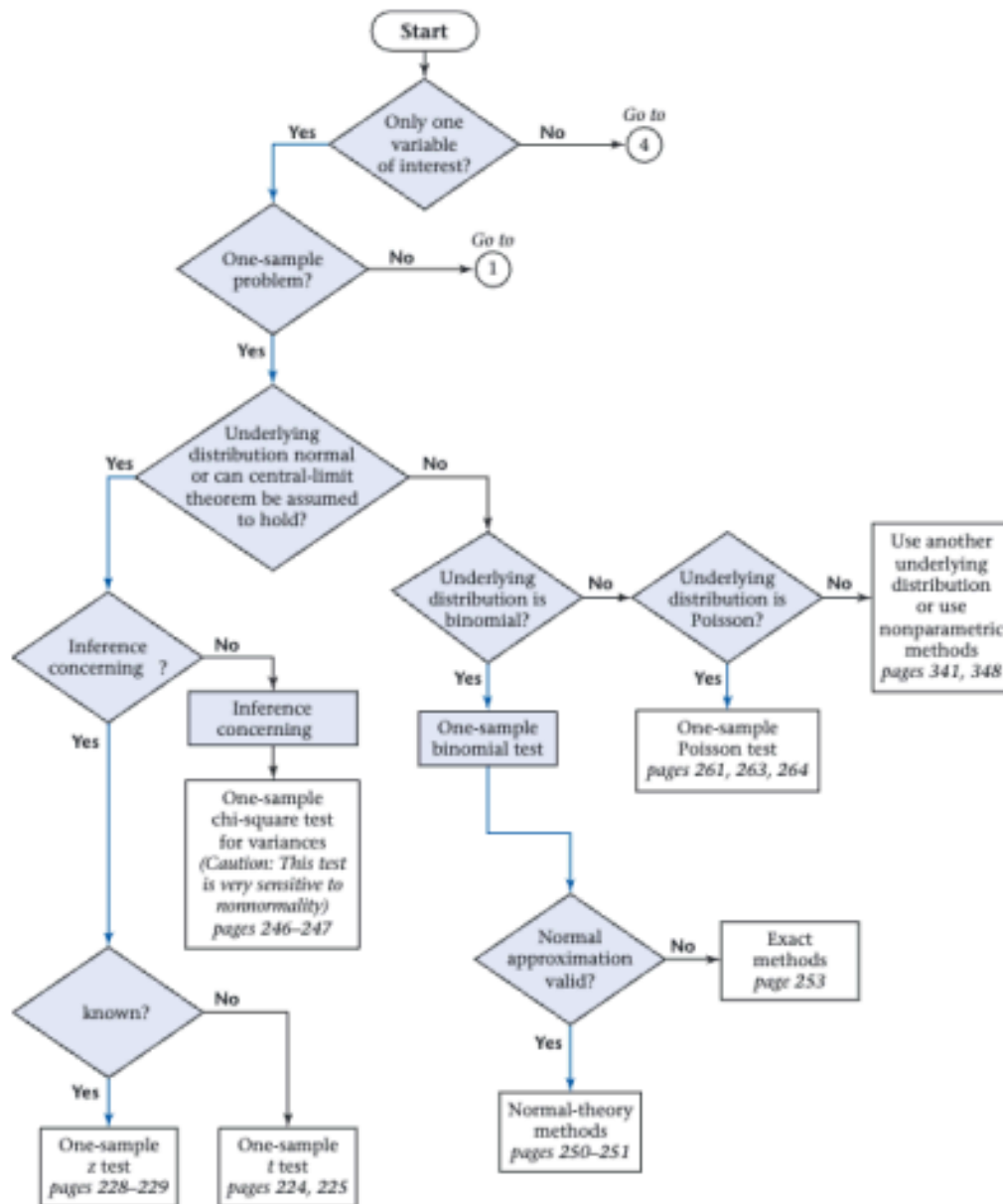
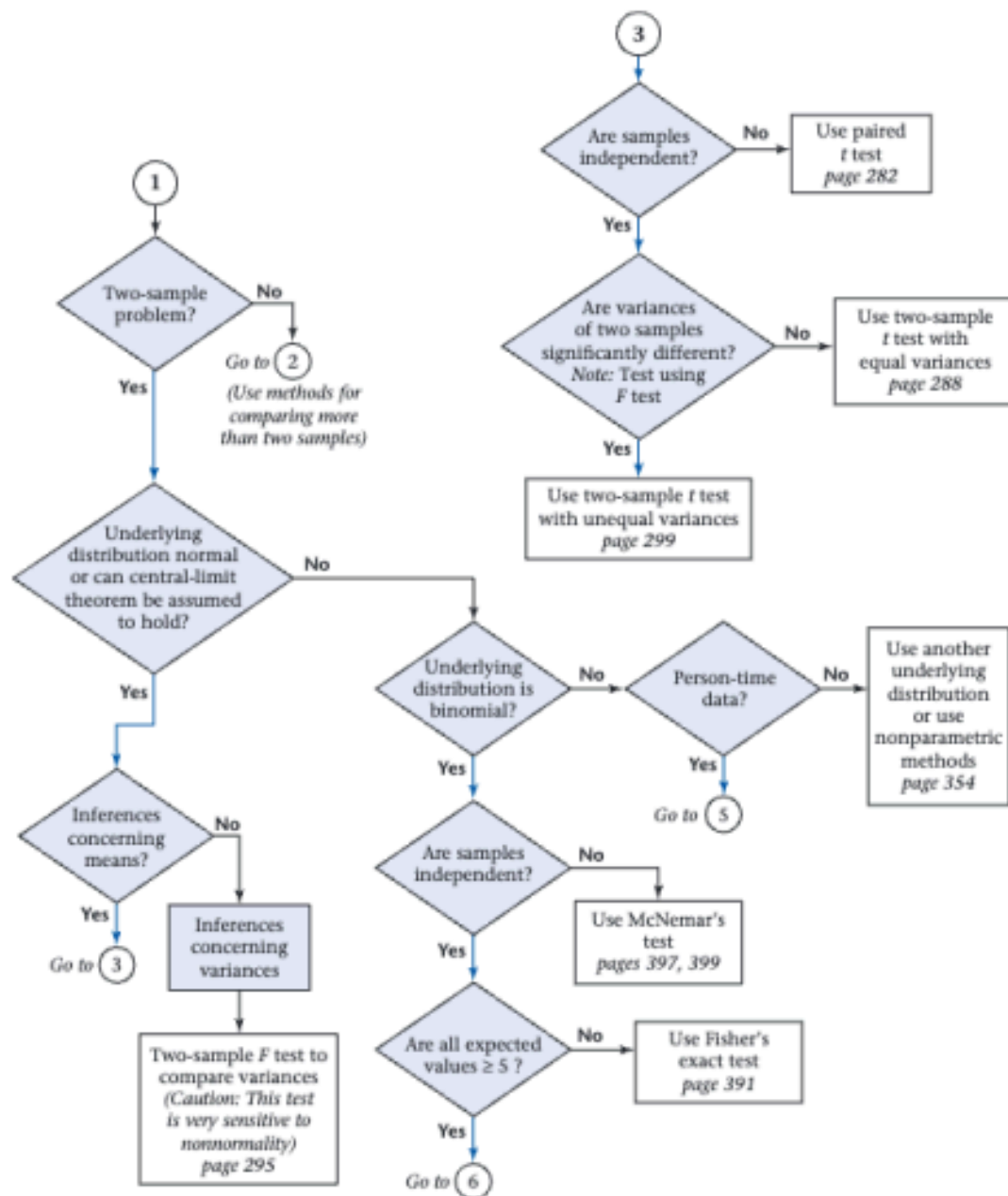
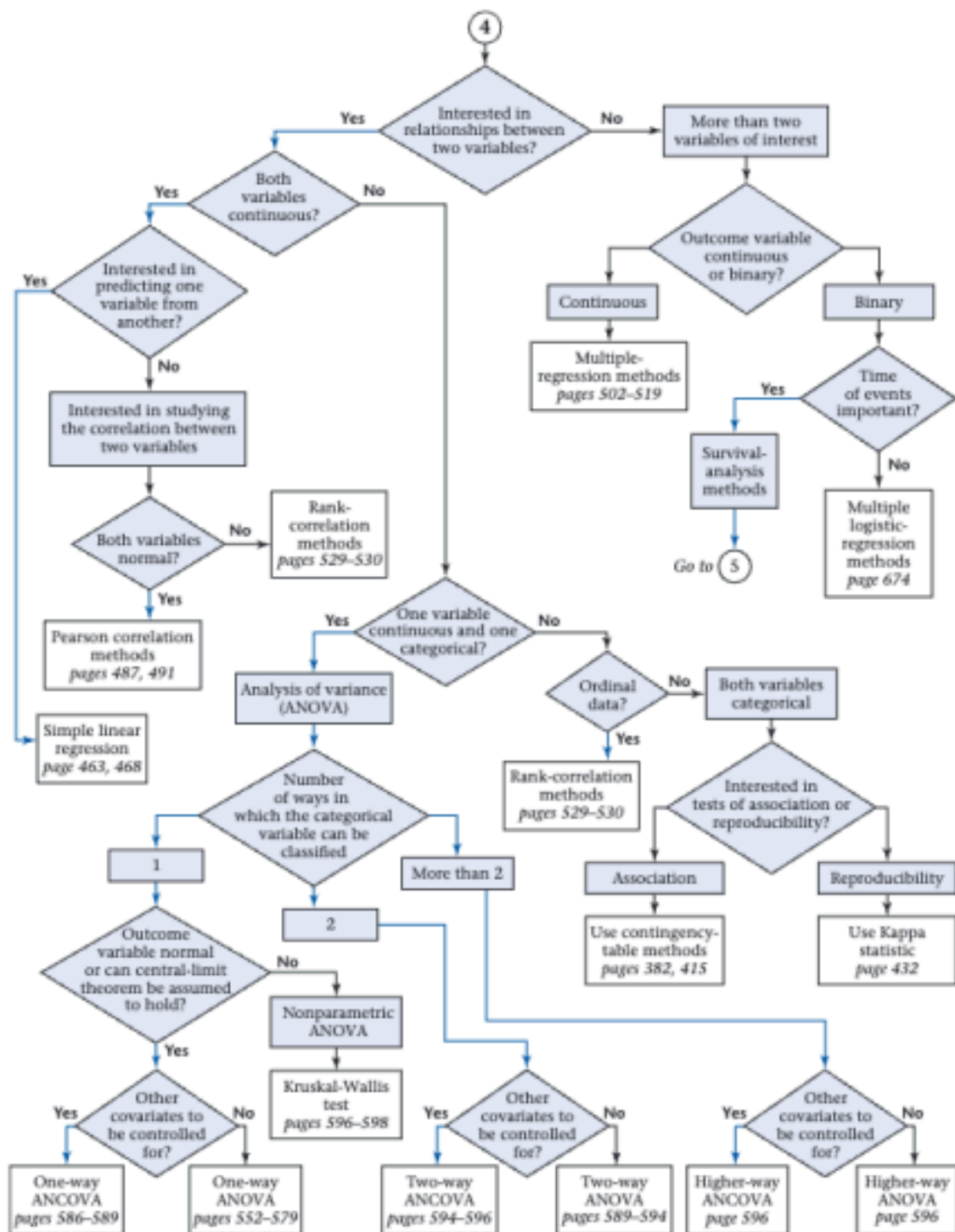


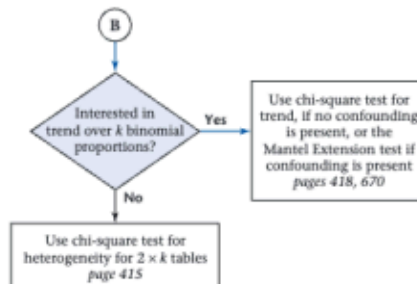
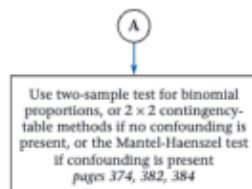
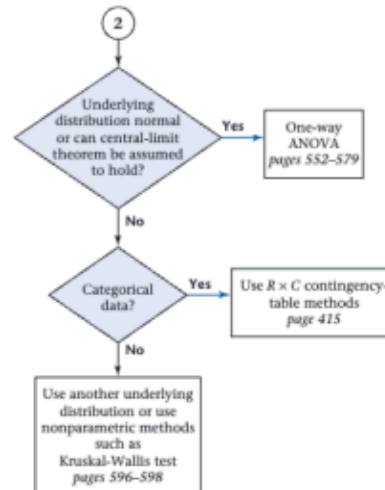
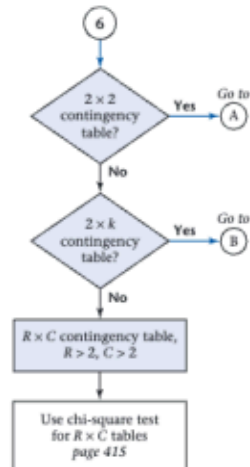
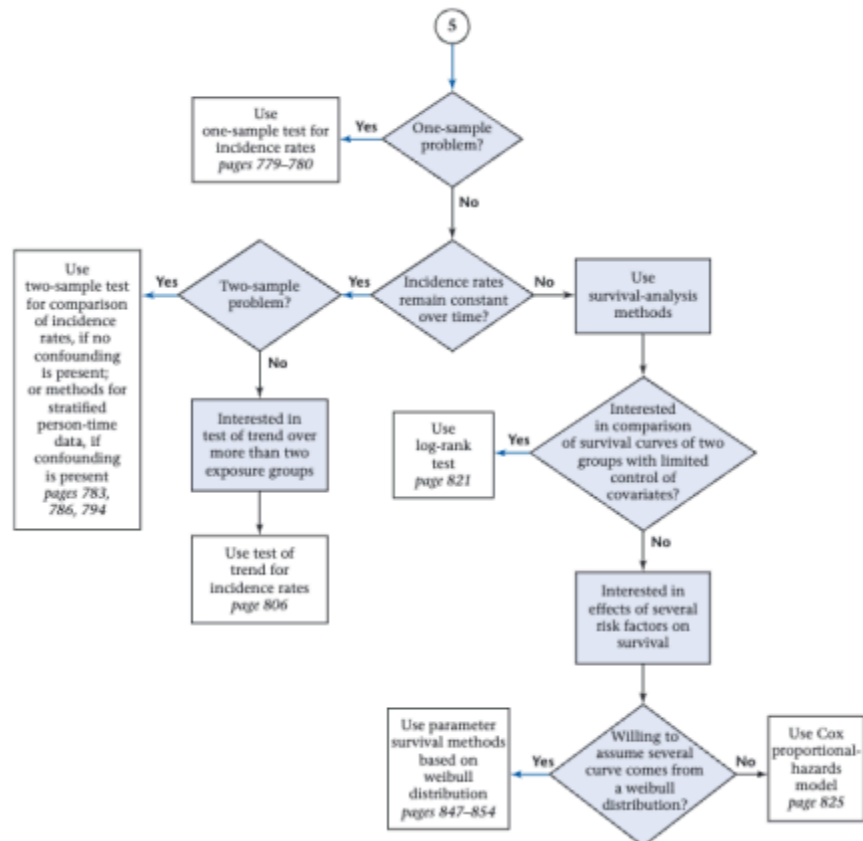
STATISTICAL TESTS DETERMINATION WEBSITE

The flowchart provided below was used to create the backend. It enabled the determination of the statistical tests.









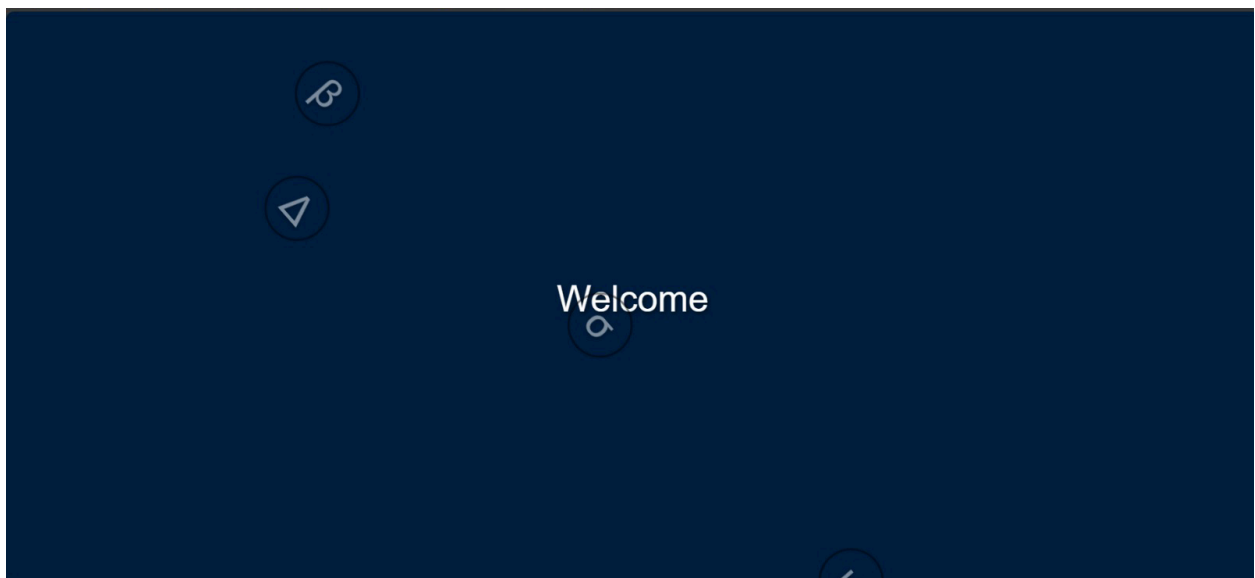
The website was built using CSS, HTML, and Javascript. A description of the various functionalities has been provided. The website can be run by opening the welcome.html page in the browser of the user's choice. This website was made using a local server and has not been hosted elsewhere.

Instructions to run the server

The web server must always be started from the welcome page, by clicking on the following [link](#).

Landing Page (code in index.html)

The landing page says Welcome to the Centre. We have used animation to show flying symbols in the background. When the user clicks on the text 'Welcome,' they will proceed to the next page.



Questionnaire Pages (code in page1.html)

When the user is redirected to this page, the first question will be displayed on their screen. The user must answer a series of questions about their dataset and requirements. The backend (javascript code) will then predict the most appropriate statistical test(s) they can use to conduct their desired tests.

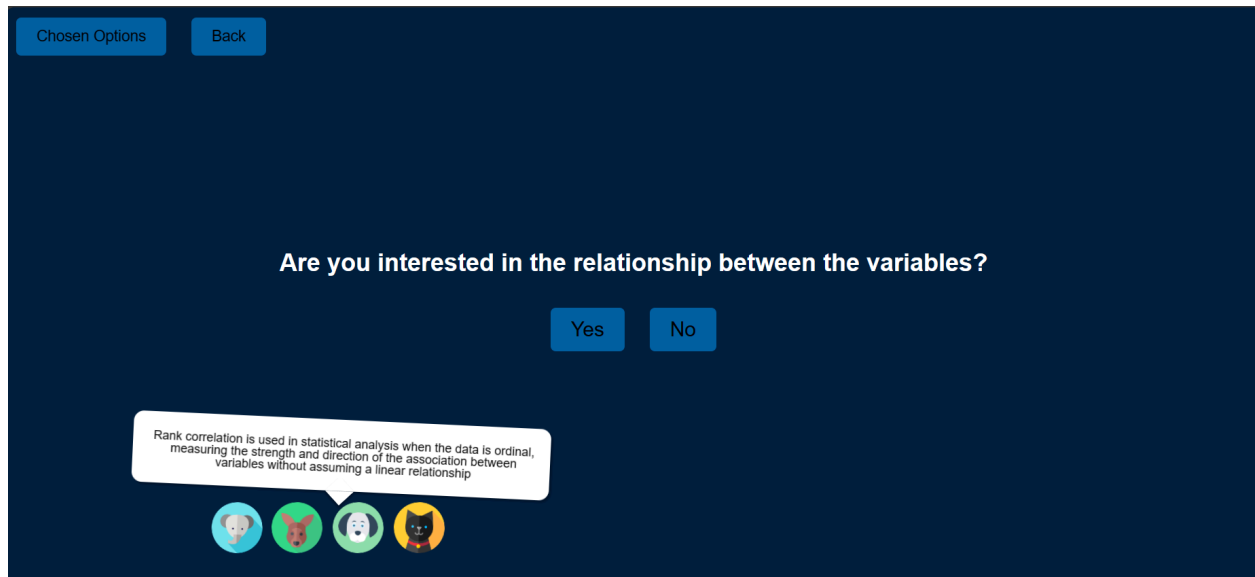
After completing the questionnaire, the most suitable test for the user will displayed on the screen along with confetti from both sides to indicate that the user has gotten the desired response and has reached the end of the website.

If, at any point, the user would like to see what they have previously answered, they can click on the 'Chosen Options' button, which will redirect them to the recorded responses page.

There is also a back functionality that allows the user to go back to the previously answered question and change their answer.

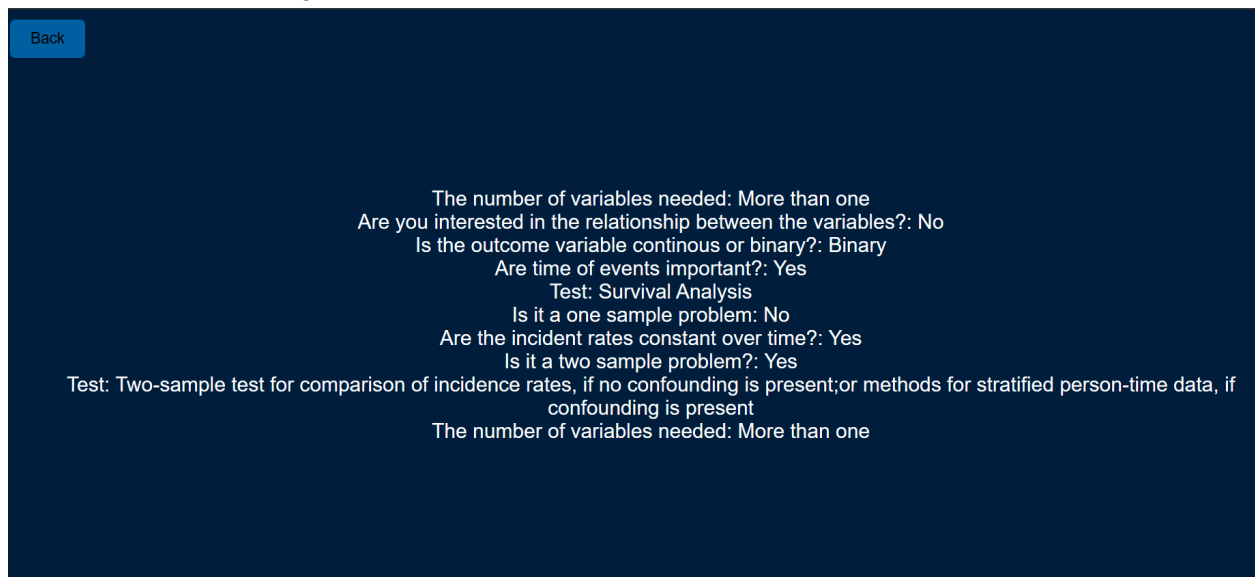
Classroom Trivia (Bottom Left)

The website used bobblehead animation to simulate a classroom at the bottom-left screen. A speech bubble has been added to display statistical trivia to make the website more interactive. With every question, a random fact is shown by a random bobblehead. It makes the screen more graphic and colorful and a pleasant experience for the user. They would also learn something that could be helpful in their study.



Recorded Responses Pages (code in page2.html)

The user can see what they have responded to previously. They can also see the results from previous sessions using the chosen option, which leads to the output below.



Team Members

- Mehak Gopal - 2021475
- Bhavya Gupta - 2021458
- Nalin Arora - 2021478