

Chevron DataScience Challenges Website User Documentation

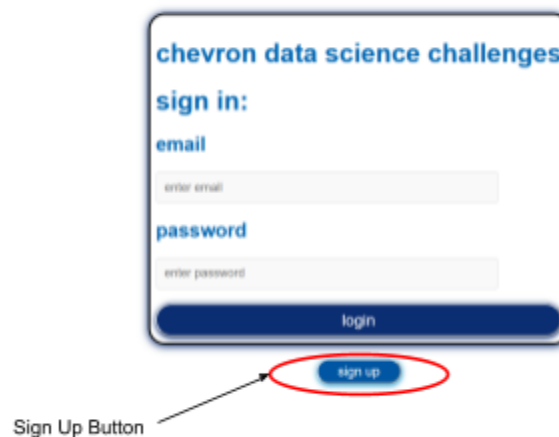
Written by Team C Minus 1 during CSM Summer Field Session 2023

Overarching Functionality:

- Authentication Guard - Users who are not signed in or unauthorized users should not be able to navigate to any part of the website and are instead redirected to the login page.
- Navigation Bar - Users should be able explore and navigate the website, after logging in, using the navigation bar located towards the top of the page. A user's current challenge they plan to interact with can be changed by selecting a different challenge from the drop-down menu on the right side of the navigation bar. On the far right of the navigation bar, users can sign out of their account and be redirected to the login page. The navigation bar that will appear on every page of the website besides the login and sign up page.

Login:

- Users should be able to login to the website given that they have an account under their email and password. The email and password fields are case-sensitive.
- In the case that the user fails to login or attempts to login with incorrect credentials, they will be shown an error message and prompted to re-enter their credentials.
- A successfully logged-in user should be redirected to the home page.



Sign-Up:

- Users should be able to create an account for the website using an email ending in "@tengizchevroil.com" or "@chevron.com" and a password consisting of at least eight characters, including at least one capital letter and one number.

- If a user doesn't meet the requirements for either the email or password field, they will be met with a message telling them such and be prompted to be brought back to the page where they can create an account. By default, a newly created account does not have administrator permissions.
- After, the users will be redirected to the login page.

create new account

first name last name

your email (@chevron.com)

enter email:

password

minimum password requirements
- 8 letters
- 1 capital
- 1 number

enter password:

confirm password

enter password:

sign up!

Home Page:

- Users can view the home page which will display the currently selected challenge's name and a description of the challenge. The leaderboard will always display all submitting user's highest public score for a given challenge, but will only display the logged-in user's best private or overall score if the challenge is currently in the private phase.

chevron data science challenge

home submissions settings hi, new sign out

leaderboard

username	score
nu	0.00
Mkor	10.07
smith	10.07

BONK

konkybonkbarkers

public start date: 2023-06-09 15:09:09
public end date: 2023-06-09 15:09:09
private start date: 2024-06-06 15:09:10
private end date: 2025-06-06 15:09:10

download sample dataset

Submissions:

- Users can view the challenge name and description as well as getting a sample data set to run their tests with. Users can then submit their submission files in csv format that will be uploaded to the database and then given a score based on the current challenge's test flag. The submission logistics will be stored in the database along with a flag whose purpose is to determine whether or not the submission will be private or public based on the challenge's public end date, private end date, and the current date.



Settings:

- Users can change their password while still meeting the complexity of at least eight characters, including at least one capital letter and one number.

