Challenge 18 - React

Remember the challenge with the bikes? If you do, then great, these 2 upcoming weeks you are going to recreate it with React.js using Typescript. If you don't remember it or haven't done it before, check the **Challenge 16** solution. The logic & the design are going to be the same and everything should continue working like that. You are free to copy and use any code from the **Challenge 16** solution folder if needed.

The API endpoint is - **https://challenges.brainster.tech/ajax_data/data.json**

The design should be made with components, meaning you will have at least 4 components:

- ***Header*** *- containing the whole navbar.*
- ***Card*** *- specific bike card.*
- ***Filters*** *- the container for all the filters. (Optional: you can make a new component for the specific filter -* ***EachFilter*** *)*
- ***Footer*** *- containing the footer area.*

Make sure you add types for each of the bike cards and filters with Typescript. You can find what keys and values each of the bike cards should have based on the API endpoint.

Also make sure you use Typescript with .tsx file extensions and React component types for each of the components.

There is a starter folder, where you can find the images that are used for the bikes.

Evaluation system:

1 point – for creating all the components from above and linking them correctly in the App.js file so they render fine on the screen & everything looks the same as the screenshot. (You can use the same Card with the same title,image & price, called 15 times).

3 points – for creating all the Cards at once with unique titles, images & prices. Also, toggle the active class on click on each of the filters. The active filter should become orange, but **ONLY** that filter should be active. (2 filters can't be active at the same time)

5 points – if you did all of the above. Plus, fill in the badges with the correct numbers, and make the filters work by clicking on each of them. (all of them should work)

Deadline:

Two weeks after its presentation, 23:59h end of the day.