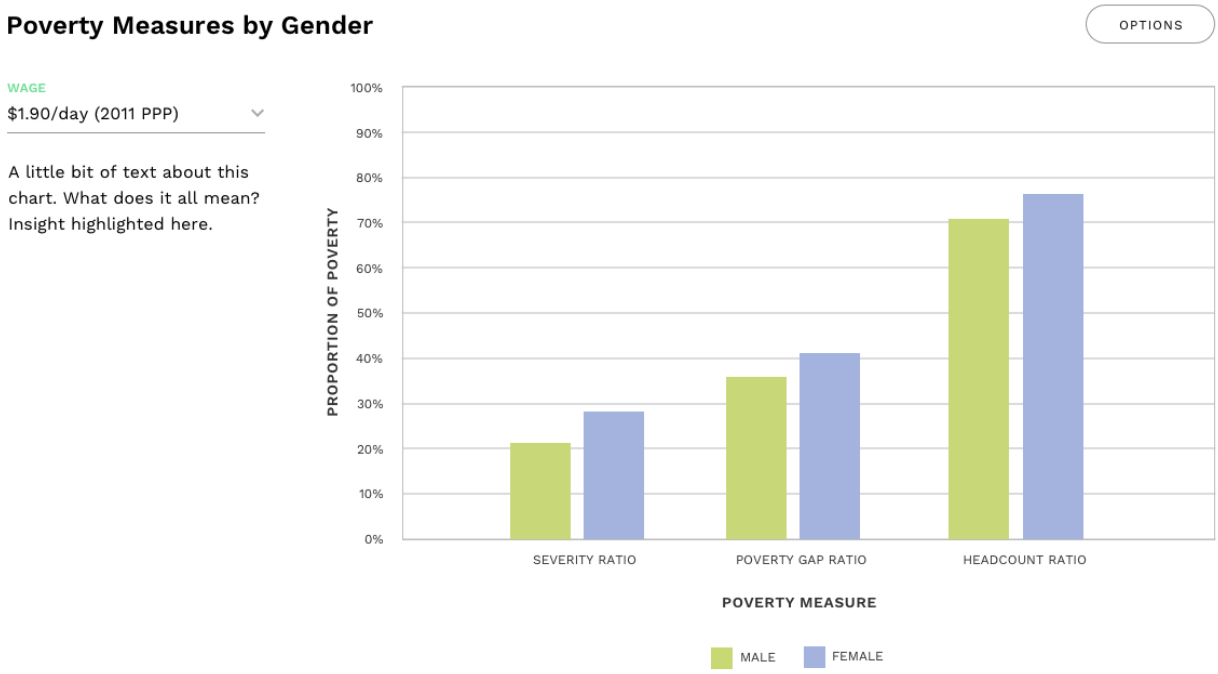
DataAfrica HTML/CSS/JS implementation Challenge

Using the following dataset: `poverty_example.json` turn the design mock-up shown below into a live interactive webpage using React. You are free to use any other JS libraries or tools you would like so long as the page is able to load in a modern web browser (don't worry about IE or supporting older browsers). The assignment will be used to gauge how you approach the implementation of turning a design into a working webpage and NOT a pixel perfect implementation of the design. Here is the design below (also provided as a separate image).



Interaction

The only interaction the final product needs to have is a dropdown which updates the barchart on the right. The 2 values to toggle between are the “poverty_level” values in the dataset attached. Their display names should be:

Id	Display Name
ppp1	$1.90/day (2011 ppp)
ppp2	$3.10/day (2011 ppp)

JSON Data Description

The dataset provided is a JSON object with the “data” and “headers” separated. Below is a description of the data values.

Key	Description
povgap	poverty gap ratio
sevpov	poverty severity ratio
poverty_geo_name	name of the geography being shown (in our example this will always be Nigeria)
poverty_geo	id of the geography being shown (in our example this will always be 040PGNGA)
gender	male or female
poverty_level	either ppp1 or ppp2 (The ppp1 value of poverty_level stands for the $1.90/day poverty level and ppp2 value stands for $3.10/day poverty level)
hc	poverty headcount ratio

Deliverable

- A folder or zip file of all the files needed to run this example locally
- An oral presentation of your development process when implementing