

BrightPlan LLC

Coding Challenge

Problem

Design and implement an interactive, responsive web page using any flavor of JavaScript. The page displays a [doughnut chart](#) reflecting an investment portfolio. The user has an option to change the risk profile of the portfolio. Depending on the user's risk, portfolio allocation changes which is represented in the doughnut chart.

Assumptions and Inputs:

Data for each risk level (1 thru 10) may be hard coded in a tabular structure within the program. Please ensure there are at least 5 different doughnut slices (5 categories) displayed in the chart. e.g. Stocks, Bonds, ETFs, Cash, Commodities, Fixed Income.

Expected Results:

The resulting code, rendered as a webpage, would be tested on a phone, a tablet as well as a larger display. The script must auto-adjust layout to adapt to and use the available screen size appropriately.

User is able to use and slide the risk tolerance level slider. In response to this user input, the chart auto-updates reflecting data stored in the table.

Code expected to be built using

Any flavor of Javascript

Success criteria:

Program works per specification

UI is responsive.

Coding style, readability, design/flow, page size (so that it renders fast)

UI looks slick, renders an inviting color palette and looks pleasing to the eye for a financial app in terms of pixel alignment/layout/etc.

If time permits write a test class to validate your output is correct, and include test cases.