

Project 3: CSS Grid

Difficulty Level: Advanced

Overview

In this project, you will need to implement a layout using CSS Grids. You have been provided with `dashboard.html` as well as a CSS file with some but not all styling you will need. The charts are provided as 8 static image files. The icons are a series of SVG files.

Instructions

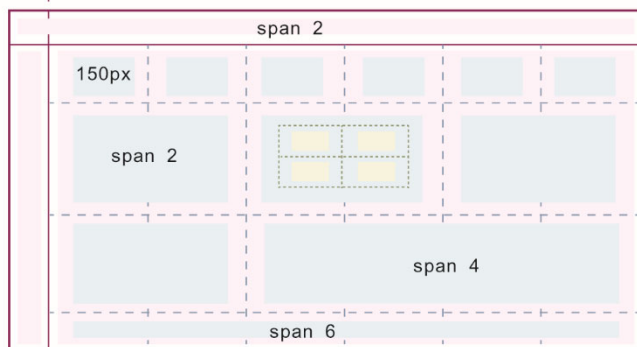
1. You will likely need a series of nested grids to implement this layout. While there are multiple ways to implement this layout, the instructions here provide a relatively clear approach. The top level (in the markup contained within `<div class=container>`), contains two rows of two columns each; the first row spans both columns. The other content fits into the second row. A grid-gap of 10px was used throughout.
2. The two icons on the right side of the header bar can be positioned using grid layout, flexbox layout, positioning, or simple floats. The icons should always be flush on the right side of the browser window.
3. The content inside the left-side navigation bar can be styled in different ways using grid layout, flexbox layout, or simple box formatting (margin, padding, etc). If you haven't done any flexbox, we would recommend using it just to get some practice with it. Flexbox is often used to style content within a CSS grid cell.
3. The main content (inside the `<main>` element) will consist of another nested grid with 6 columns and 4 rows. Use the CSS `repeat()` function along with `minmax()`. Make the minimum size 150px and the maximum between 150px and 250px.
4. Some of the individual cells will have to span multiple columns. The footer row spans all 6 columns.
5. The four Top Performer charts will be within another new nested grid with two rows and columns.
6. For extra credit, make your layout work even at mobile browser sizes. This will require using a media query that specifies different grid specifications. You may find that using `grid-area` helps in this regard.

Test

1. Display `dashboard.html` in a browser. Test at different browser widths.
2. If you have completed step 6, verify page works properly in a small browser width.



100px | auto



.container: 2 columns x 2 rows

main: 6 columns x 4 rows

.matrix: 2 columns x 2 rows

Figure 7.30 Completed Project 3