**AI Declaration:**  
I, Sovithyea Prach, used OpenAI’s ChatGPT as a support tool while completing the W4 energy website task, specifically the D3.js bar chart component.

**Work completed independently by me:**

* Writing the initial JavaScript to:
  + Change the title color and add a paragraph to the page.
  + Create the SVG container and manually add a test rectangle and a blue rectangle.
  + Set up the base CreateBarChart function.
  + Implement d3.scaleLinear() and d3.scaleBand() to map the TV brand data.
  + Join data using .data(data).join("g") and position elements using .attr("transform", ...).
  + Append rectangles and text elements inside groups (g) to form the chart.
* Handling CSV loading and basic chart setup independently.

**Areas where AI assistance was used:**

* Debugging issues such as invisible bars and overlapping labels.
* Correcting incorrect .text() usage on <rect> elements.
* Advising on D3 best practices for grouping (g) bars and labels together.
* Explaining how to adjust the chart layout (e.g., changing the yScale range to fix label overlapping).
* Providing minor improvements like sorting the bar chart and optional enhancements like animation.

**Extent of AI contribution:**  
AI was used only for guidance, debugging support, and providing examples of clean D3 patterns.  
All major decisions, coding, customization, and final implementation were completed independently by me.