

Front-End Assignment

Task: Create Heat Map Visualization Using JavaScript + Plotly.js

Scenario:

- Read the data from “**assessment.json**” (shared in the mail) using plain JavaScript.
- You have been provided with a JSON data structure representing Gaming Console Features across different gaming platforms.

Replicate/Create an interactive heat map (Ref shared Heatmap output screenshots) using plain JavaScript (with Plotly.js or any other JavaScript library can be used) that displays these ratings in a visually appealing manner.



Requirements:

1. Data Structure:

- Use the provided JSON data structure containing gaming console ratings across different features
- Data includes 7 gaming consoles and 9 feature categories
- Rating values range from 1.0 to 5.0

2. Heatmap Specifications:

- X-axis: Feature categories (Graphics Quality, Game Library, etc.)
- Y-axis: Gaming Console names (PlayStation 5, Xbox Series X, etc.)
- Color scale: Implement a gradient color scheme as shown in the given images (Different color schemes can be used but make sure the gradient should be visible accordingly)