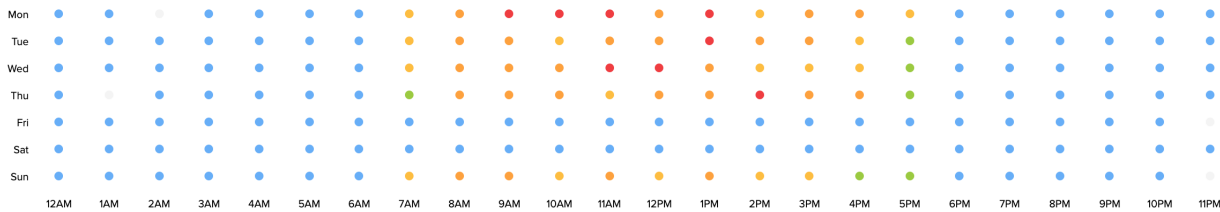# Heatmap Exercise

The Exercise

In this exercise you are required to implement the heatmap.

The input:
A set of activity timestamps in this format: $[timestamp_1,..., timestamp_n]$, its values match the sample heatmap provided above.

The output:
A color coded heatmap which closely resembles in appearance the provided example.
The default segmentation is 24 hours per day, 7 days per week with a total of 5 heat levels.

You are provided with a boilerplate React application which loads and parses an input JSON. Just run `npm install` and then `npm start` and you'll get a browser with the app up and running. Feel free to use Google and whichever 3rd party library you wish, as long as you implement the main logic on your own.

Extra Features:
1. Add a dropdown that decides on the daily bucket size (e.g. 3, 4, 6, 8, 12 or 24 buckets).
2. Add a dropdown that decides on the number of heat levels (and provide the matching colors for them).
3. Exclusion - provide the user with a quick way to disable a specific point from the dataset

Coding standards: we appreciate clean, efficient and self documenting code.

Good Luck!