**Sunburst Diagram**

In information visualization, a sunburst diagram is a multilevel pie chart used to represent the proportion of different values found at each level in a hierarchy.

In this part, we used one main sunburst diagram to show comparison between total pollutant amounts of four seasons, as well as the proportion of four pollutants in each season. Through this diagram, people could directly find out 1) for the whole year, how much pollutant does each season have, 2) what is the proportion of each pollutant throughout each season.

Besides, we added four small multiples, each representing one season of a year. From each small sunburst diagram, people could find out 1) for the season, how much pollutant does each day of the week have, 2) what is the proportion of each pollutant throughout each day of the week. People could also do comparison between the same day of a week among seasons (for example, comparing amount of certain pollutant in Spring Monday and Summer Monday).

The implementation of sunburst diagram was much alike to implementing a pie chart, but more complicated due to the transformation required by the nature of diagram.