eCharts

eCharts is an open source charts library that JavaScript visualize data, this charting library was originally created as a solution to the reporting needs of various business systems in china. Although this has been a chinese creation it has been used world-wide, and been named one of the "Ten Hottest Domestic Open Source Project of the year" in 2013.
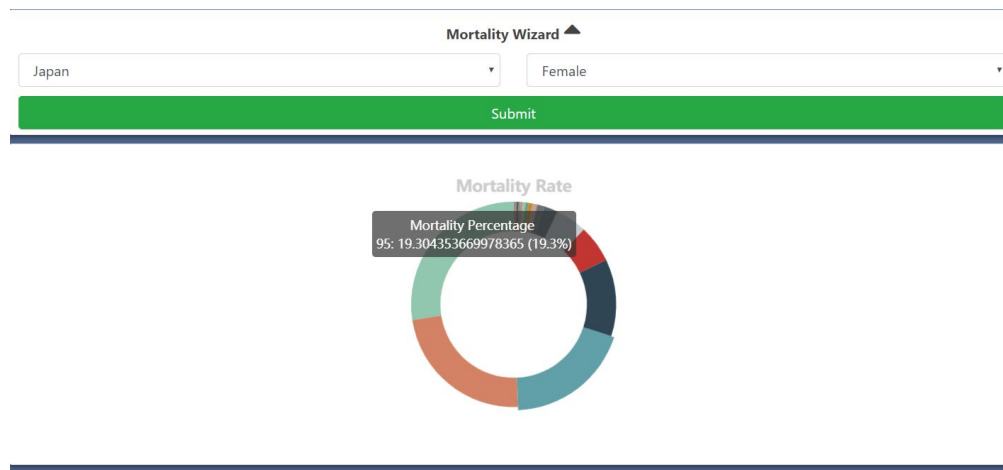
eCharts allow for various different chart types, these are:
- Line
- Bar
- Scatter
- Candlestick
- Pie
- Radar
- Chord
- FD chart
- Gauges
- Funnels
- EventRiver
- Heatmap
- Venn
- Treemap
- Tree
- Wordcloud
- And others

We had already used numerous different charting libraries within in the tmpst website so we decided as a team to use a doughnut chart from the eChart library as the last visualization for the tmpst website.
We used this visualization in junction with the World Population API to display the mortality rate of different countries in the world. This API offered us a lot if data sets to work from, there for this was the second time we used this API

This is an example of our mortality doughnut chart:

Mortality Wizard ▲

| Japan | ▾ | Female | ▾ |

Submit

Mortality Rate

Mortality Percentage
95: 19.304353669978365 (19.3%)

This chart uses the users query of country and gender to display the percentage of likely death at various ages.

For more charts and a more in depth tutorial on how to create this visualization, visit the eCharts website - https://echarts.baidu.com/echarts2/doc/example-en.html