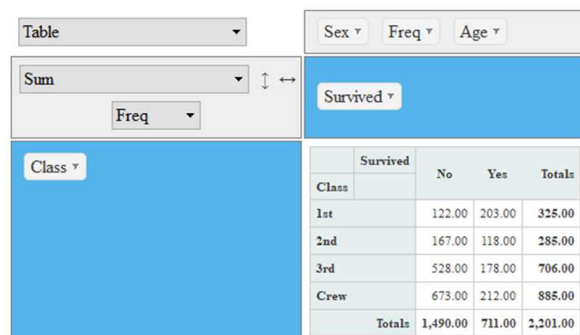


Viewer Zoom



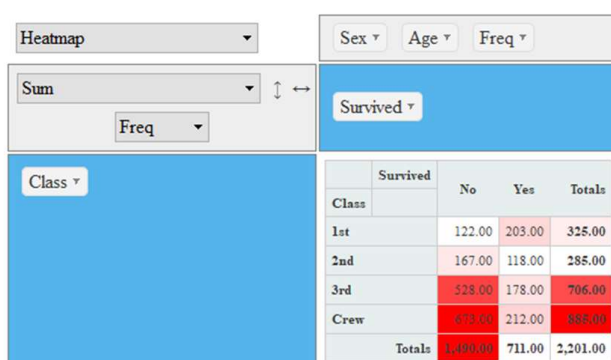
In this table, we are displaying 'Sum' of column 'Freq' based on columns 'Survived' and 'Class'. The table essentially shows how many people from which class survived or didn't survive the accident.

Output formats:

Biggest advantage of `rpivotTable()` is that it can show output not just as a simple table. Different output formats available are:

- Barcharts
- Heatmaps
- Treemaps
- Stacked Bar Chart
- Area Chart
- Line Chart
- Scatter Chart

Viewer Zoom



Here, we have changed the output format to 'Heatmap'. The distribution of deaths is now distinctly clear.

Pre-populate `rpivotTable`:

Rows and columns can be pre-populated in the output by adding the following arguments.

```
rpivotTable(Titanic, rows = c("Class","Sex"),
            cols = c("Age","Survived"), aggregatorName = "Sum", vals = "Freq")
```

`rows=` and `cols=` specify which variables should be placed where.

`aggregatorName=` gives how the values should be summarised.

`vals=` gives which variable should be considered for aggregation.

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Table

Sum

Freq

Freq

Age

Survived

		Age	Adult		Child		Totals
		Survived	No	Yes	No	Yes	
1st	Female		4.00	140.00		1.00	145.00
	Male		118.00	57.00		5.00	180.00
2nd	Female		13.00	80.00		13.00	106.00
	Male		154.00	14.00		11.00	179.00
3rd	Female		89.00	76.00	17.00	14.00	196.00
	Male		387.00	75.00	35.00	13.00	510.00
Crew	Female		3.00	20.00			23.00
	Male		670.00	192.00			862.00
Totals			1,438.00	654.00	52.00	57.00	2,201.00