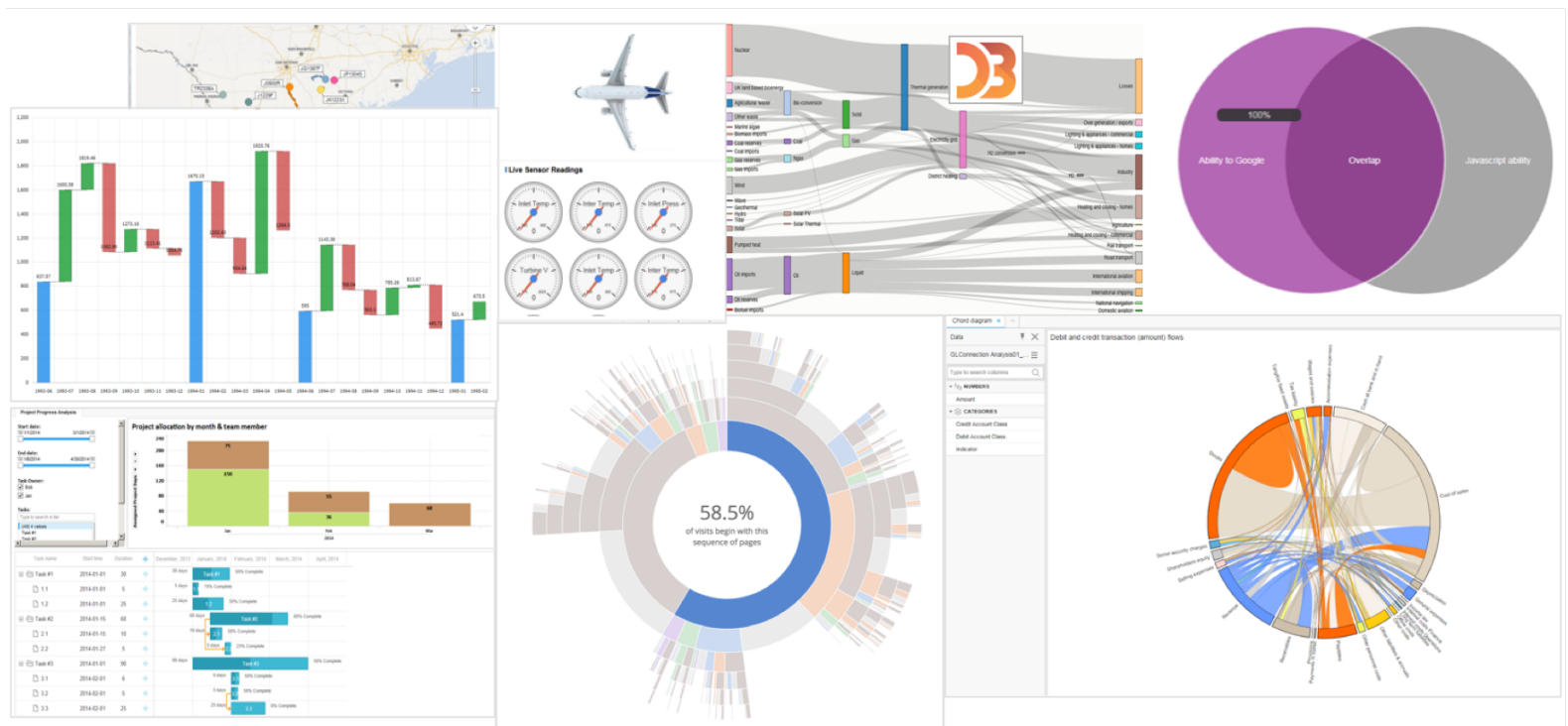


JavaScript Visualization Framework - JSViz

Tutorial #3 – Adding Re-Sizing to your Doughnut Chart



1. Introduction

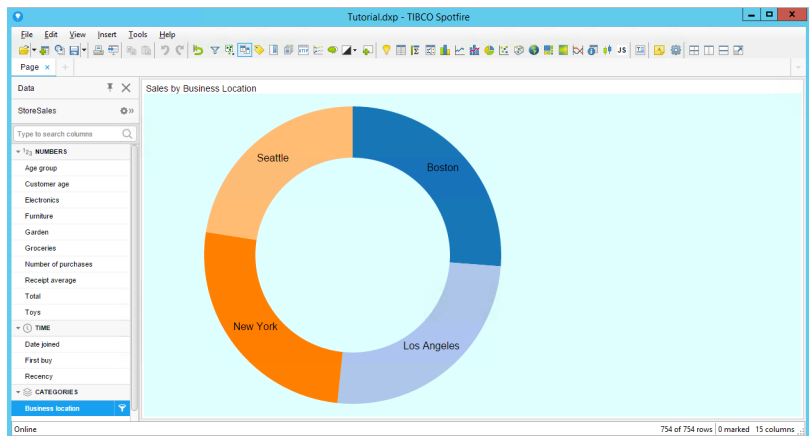
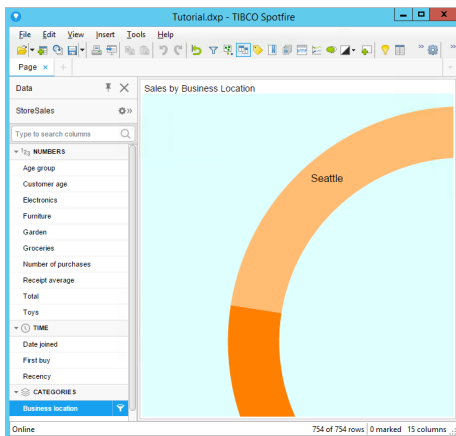
This tutorial builds on the previous two tutorials where we created a Doughnut Chart using JSViz.

This tutorial will walk through the following steps:

- Observe the current behavior – no resizing
- Update the JavaScript code
- Update JSViz

2. Observe the Current Behavior

If you open the DXP file that we created in the previous tutorial steps you will notice that the Doughnut Chart is drawn to fill the available screen area. However if you change the size of the window, the chart does not redraw.



3. Add the Resizing Code

Open the file "MyDoughnutChart.js" in your favorite editor. Locate the `window.onresize` method and replace the existing contents with the contents of the file

"MyDoughnutChart4.txt":

```
window.onresize = function (event){
    resizing = true;
    if ($("#js_chart")) {
        svg = d3.select("svg");
        if (svg) {

            ...

        }
        resizing = false;
    }
}
```

Once you have completed the code changes, save the file.

4. Update JSViz

If you still have the DXP file open from Step 2 you will observe that there is no immediate change in behavior. This is because the embedded Chromium Web Browser control that JSViz uses caches the contents of each JavaScript file for the duration of the session.

To overcome this, click somewhere within the JSViz visualization and then use the key combination **Ctrl-Alt-Shift-F5** to refresh the JSViz visualization.

5. Test Your Doughnut Chart

At this point you should be able to resize Spotfire and see your Doughnut Chart center itself in the window:

