

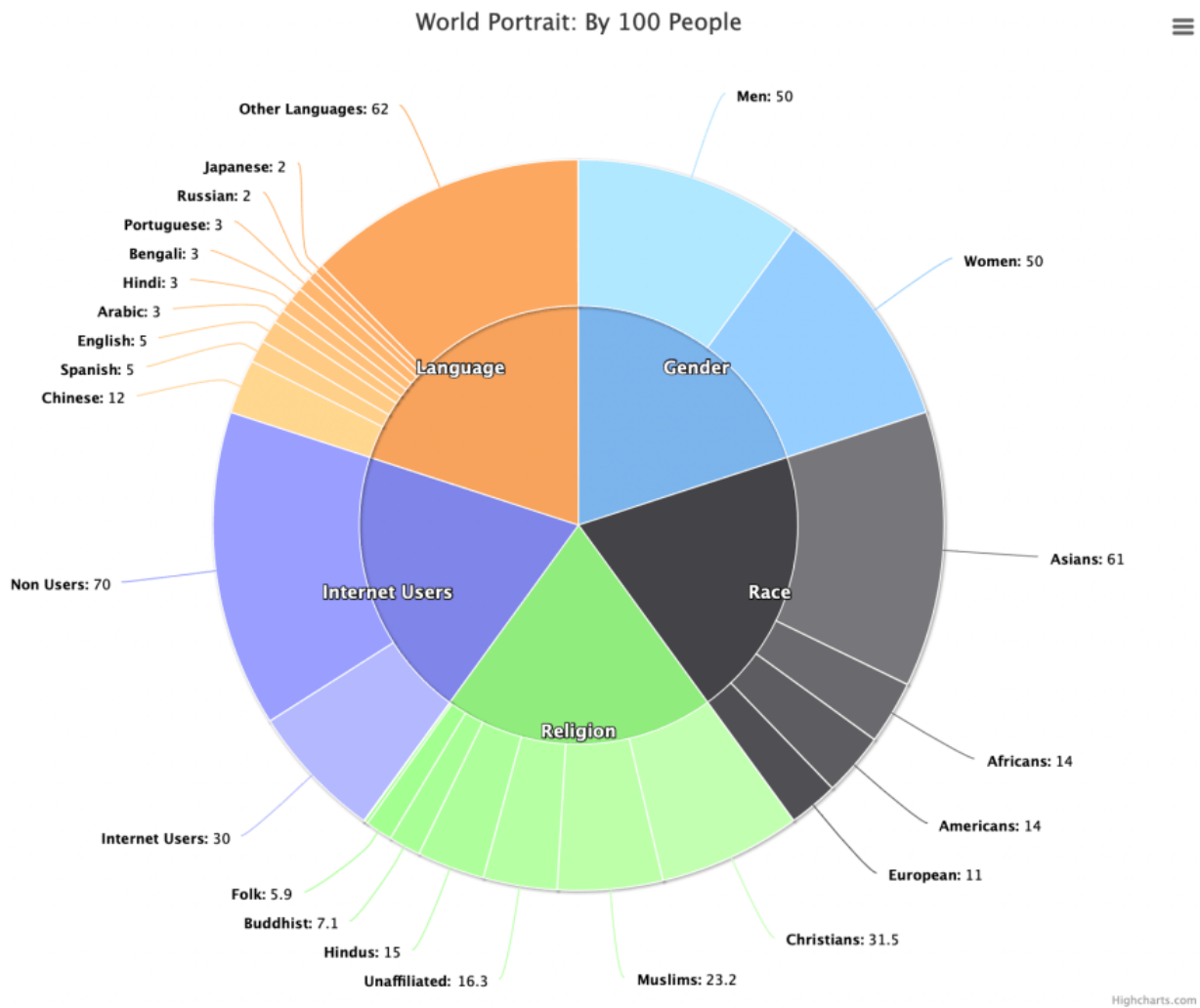
Highcharts Pie – 100 People World Representation

 ddas.tech/highcharts-pie-100-people-world-representation/

September 13, 2022

Created By: Debasis Das (13-Sep-2022)

In this post we will create a Sunburst chart to represent a view if there were 100 people in the world using the Highcharts library



Highcharts Sunburst Charts – Pie Chart – 100 People World representation

```

<html lang="en" xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta charset="utf-8" />
  <title>If world was 100 People</title>

  <script type="text/javascript"
src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js"></script>
  <script type="text/javascript">

$(function () {

  var colors = Highcharts.getOptions().colors,
      categories = ['Gender', 'Race', 'Religion','Internet Users','Language'],
      data = [{
        y: 6.00,
        color: colors[0],
        drilldown: {
          name: 'Gender',
          categories: ['Men', 'Women'],
          data: [50,50],
          color: colors[0]
        }
      }, {
        y: 6.00,
        color: colors[1],
        drilldown: {
          name: 'Firefox versions',
          categories: ['Asians', 'Africans', 'Americans', 'European'],
          data: [61,14,14,11],
          color: colors[1]
        }
      },
      {
        y: 6.00,
        color: colors[2],
        drilldown: {
          name: 'Religion',
          categories: ['Christians', 'Muslims',
'Unaffiliated', 'Hindus', 'Buddhist', 'Folk', 'Other', 'Jewish'],
          data: [31.5,23.2,16.3,15.0,7.1,5.9,0.8,0.2],
          color: colors[2]
        }
      },
      {
        y: 6.00,
        color: colors[4],
        drilldown: {
          name: 'Internet Users',
          categories: ['Internet Users', 'Non Users'],
          data: [30,70],
          color: colors[4]
        }
      }
    ]
  }

```

```

    }
    ,
    {
        y: 6.00,
        color: colors[3],
        drilldown: {
            name: 'Language',
            categories: ['Chinese', 'Spanish', 'English',
'Arabic', 'Hindi', 'Bengali', 'Portuguese', 'Russian', 'Japanese', 'Other Languages'],
            data: [12,5,5,3,3,3,3,2,2,62],
            color: colors[3]
        }
    }
],
browserData = [],
versionsData = [],
i,
j,
dataLen = data.length,
drillDataLen,
brightness;

// Build the data arrays
for (i = 0; i < dataLen; i += 1) {

    // add browser data
    browserData.push({
        name: categories[i],
        y: data[i].y,
        color: data[i].color
    });

    // add version data
    drillDataLen = data[i].drilldown.data.length;
    for (j = 0; j < drillDataLen; j += 1) {
        brightness = 0.2 - (j / drillDataLen) / 5;
        versionsData.push({
            name: data[i].drilldown.categories[j],
            y: data[i].drilldown.data[j],
            color: Highcharts.Color(data[i].color).brighten(brightness).get()
        });
    }
}

// Create the chart
$('#container').highcharts({
    chart: {
        type: 'pie'
    },
    title: {
        text: 'World Portrait: By 100 People'
    }
});

```

```

    },
    yAxis: {
        title: {
            text: 'Total percent market share'
        }
    },
    plotOptions: {
        pie: {
            shadow: true,
            center: ['50%', '50%']
        }
    },
    tooltip: {
        enabled: false,
        valueSuffix: ''
    },
    series: [{
        name: 'Browsers',
        data: browserData,
        size: '60%',
        dataLabels: {
            formatter: function () {
                return this.y > 5 ? this.point.name : null;
            },
            style: {
                "fontWeight": 'bold',
                "fontSize": "14px"
            },
            color: 'white',
            distance: -60
        }
    }, {
        name: 'Versions',
        data: versionsData,
        size: '80%',
        innerSize: '60%',
        dataLabels: {
            formatter: function () {
                // display only if larger than 1
                return this.y > 1 ? '<b>' + this.point.name + '</b> ' + this.y +
'' : null;
            },
            style: {
                "fontWeight": 'normal',
                "fontSize": "11px"
            },
            color: 'black',
            distance: 70
        }
    }
    ]
});
});

```

```
</script>

</head>
<body>
  <script src="http://code.highcharts.com/highcharts.js"></script>
  <script src="http://code.highcharts.com/modules/exporting.js"></script>

  <div id="container" style="width: 1000px; height: 800px; margin: 0 auto"></div>
</body>
</html>
```