```html
<!doctype html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Crime in Victoria 2019-2022 - Julia Cooper</title>
  <!-- Our CSS -->
  <link rel="stylesheet" type="text/css" href="style.css">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
rel="stylesheet"
    integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"
crossorigin="anonymous">
  <link href='https://fonts.googleapis.com/css?family=Quicksand' rel='stylesheet'>
  <link rel="stylesheet" href="styles.css">
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
    integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
  <link rel="stylesheet" href="assets/css/style.css">
  <link rel="stylesheet" href="assets/css/d3Style.css">
  <link rel="stylesheet" href="https://bootswatch.com/4/minty/bootstrap.css">

</head>


<body>
  <nav class="navbar navbar-expand-lg bg-light">
    <div class="container-fluid">
      <a class="navbar-brand" href="/">Click to return to 'Crime in Victoria
2019-2022' page</a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
        data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
        aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse spacing"
id="navbarSupportedContent">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <!-- <li class="nav-item">
            <a class="nav-link active"
href="indexoffendingpatterns.html">Offending Patterns 2019-2022</a>
          </li> -->
          <!-- <li class="nav-item">
            <a class="nav-link active"
href="indexoffencedivisions2022.html">Offending 2022</a>
          </li> -->
```

```html
                  <!-- <li class="nav-item">
                    <a class="nav-link active"
href="indexdifferentcolouredcircles.html">Colored Charts</a>
                  </li> -->
              </ul>
          </div>
      </div>
  </nav>

  <div style="position:absolute; bottom: 0; width:100%; height:60px;" >
    <p></p>
    <!-- boostrp and look for footers fpr minty  -->
  </div>

<style>
  .node {
    cursor: pointer;
    fill:rgb(180, 184, 171);
  }

  .node:hover {
    stroke: rgb(74, 28, 46);
    stroke-width: 8.5px;

  }

  .node--leaf {
    fill: rgb(255, 255, 255);
  }

  .node--root {
    fill:rgb(180, 184, 171);
  }

  .textnode {
    font: 30px "Helvetica Neue", Helvetica, Arial, sans-serif;
    text-anchor: middle;
    text-shadow: 0 2px 0 #fff, 1px 0 0 #fff, -1px 0 0 #fff, 0 -1px 0 #fff;
  }

  .textnode--leaf {
    font: 30px "Helvetica Neue", Helvetica, Arial, sans-serif;
    text-anchor: middle;
    text-shadow: 0 2px 0 #fff, 1px 0 0 #fff, -1px 0 0 #fff, 0 -1px 0 #fff;
  }

  .label,
  .node--root,
  .node--leaf {
    pointer-events: none;
  }
```

```html
</style>

<!-- <body>
  <nav class="navbar navbar-expand-lg bg-light">
    <div class="container-fluid">
      <a class="navbar-brand" href="indexcrime.html">Crime in Victoria 2019-
2022</a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-
bs-target="#navbarSupportedContent"
        aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse spacing" id="navbarSupportedContent">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link active" href="indexoffendingpatterns.html">Offending
Patterns</a>
          </li>
          </li>
          <li class="nav-item">
            <a class="nav-link active"
href="indexoffencedivisions2022.html">Offending 2022</a>
          </li>
        </li>
        <li class="nav-item">
          <a class="nav-link active"
href="indexoffencedivisions2021.html">Offending 2021</a>
        </li>
          <li class="nav-item">
            <a class="nav-link active"
href="indexdifferentcolouredcircles.html">Colored Charts</a>
          </li>
        </ul>
      </div>
    </div>
  </nav> -->


  <svg width="1400" height="1400"></svg>
  <script src="https://d3js.org/d3.v4.min.js"></script>
  <script>

    var svg = d3.select("svg"),
      margin = 20,
      diameter = +svg.attr("width"),
      g = svg.append("g").attr("transform", "translate(" + diameter / 2 + "," +
diameter / 2 + ")");

    var color = d3.scaleLinear()
      .domain([-1, 5])
```

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      .range(["hsl(152,80%,80%)", "hsl(228,30%,40%)"])
      .interpolate(d3.interpolateHcl);

  var pack = d3.pack()
    .size([diameter - margin, diameter - margin])
    .padding(2);

  d3.json("api/crime_2022", function (error, root) {
    if (error) throw error;

    root = d3.hierarchy(root)
      .sum(function (d) { return d.value; })
      .sort(function (a, b) { return b.value - a.value; });

    var focus = root,
      nodes = pack(root).descendants(),
      view;

    var circle = g.selectAll("circle")
      .data(nodes)
      .enter().append("circle")
      .attr("class", function (d) { return d.parent ? d.children ? "node" : "node
node--leaf" : "node node--root"; })
      .style("fill", function (d) { return d.children ? color(d.depth) : null; })
      .on("click", function (d) { if (focus !== d) zoom(d),
d3.event.stopPropagation(); });

    var text = g.selectAll("text")
      .data(nodes)
      .enter().append("text")
      .attr("class", function (d) { return d.parent ? d.children ? "textnode" :
"node textnode--leaf" : "node textnode--root"; })
      .style("fill-opacity", function (d) { return d.parent === root ? 1 : 0; })
      .style("display", function (d) { return d.parent === root ? "inline" :
"none"; })
      .text(function (d) { return d.data.name; });

    var node = g.selectAll("circle,text");

    svg
      .style("background", color(0))
      .on("click", function () { zoom(root); });

    zoomTo([root.x, root.y, root.r * 2 + margin]);

    function zoom(d) {
      var focus0 = focus; focus = d;

      var transition = d3.transition()
        .duration(d3.event.altKey ? 7500 : 750)
        .tween("zoom", function (d) {
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```javascript
            var i = d3.interpolateZoom(view, [focus.x, focus.y, focus.r * 2 +
margin]);
            return function (t) { zoomTo(i(t)); };
          });

        transition.selectAll("text")
          .filter(function (d) { return d.parent === focus || this.style.display
=== "inline"; })
          .style("fill-opacity", function (d) { return d.parent === focus ? 1 : 0;
})
          .on("start", function (d) { if (d.parent === focus) this.style.display =
"inline"; })
          .on("end", function (d) { if (d.parent !== focus) this.style.display =
"none"; });
      }

      function zoomTo(v) {
        var k = diameter / v[2]; view = v;

        node.attr("transform", function (d) {
          console.log(d);
          console.log(v);
          console.log(d.x);
          console.log(v[0]);
          return "translate(" + (d.x - v[0]) * k + "," + (d.y - v[1]) * k + ")";
        });
        circle.attr("r", function (d) { return d.r * k; });
      }
    });

// add class to name of crime to node



//     var toolTip = d3.tip()
//       .attr("class", "tooltip")
//       .offset([85, -90])
//       .html(function (d) {
//         return (`${d.state}<br>${yLabel}: ${d[chosenYAxis]}<br>${xLabel}:
${d[chosenXAxis]}`);
//       });

//     circlesGroup.call(toolTip);

//     circlesGroup.on("mouseover", (d, i, n) => toolTip.show(d, n[i]));
//     circlesGroup.on("mouseout", (d, i, n) => toolTip.hide(d, n[i]));

//     return circlesGroup;
// }
```

```
    </script>

  </body>


</html>
```