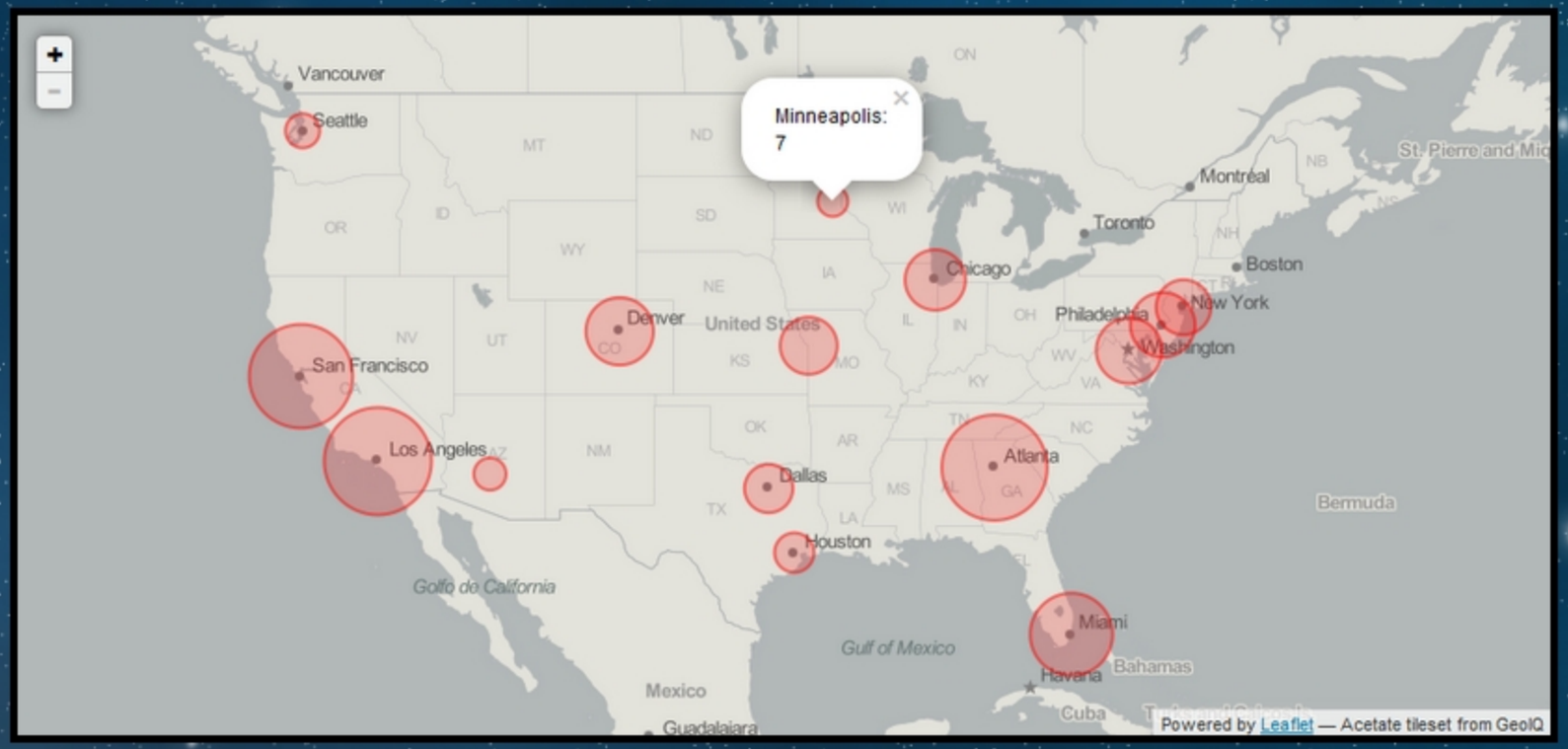
Zero to Mashup

...in 1200 seconds flat



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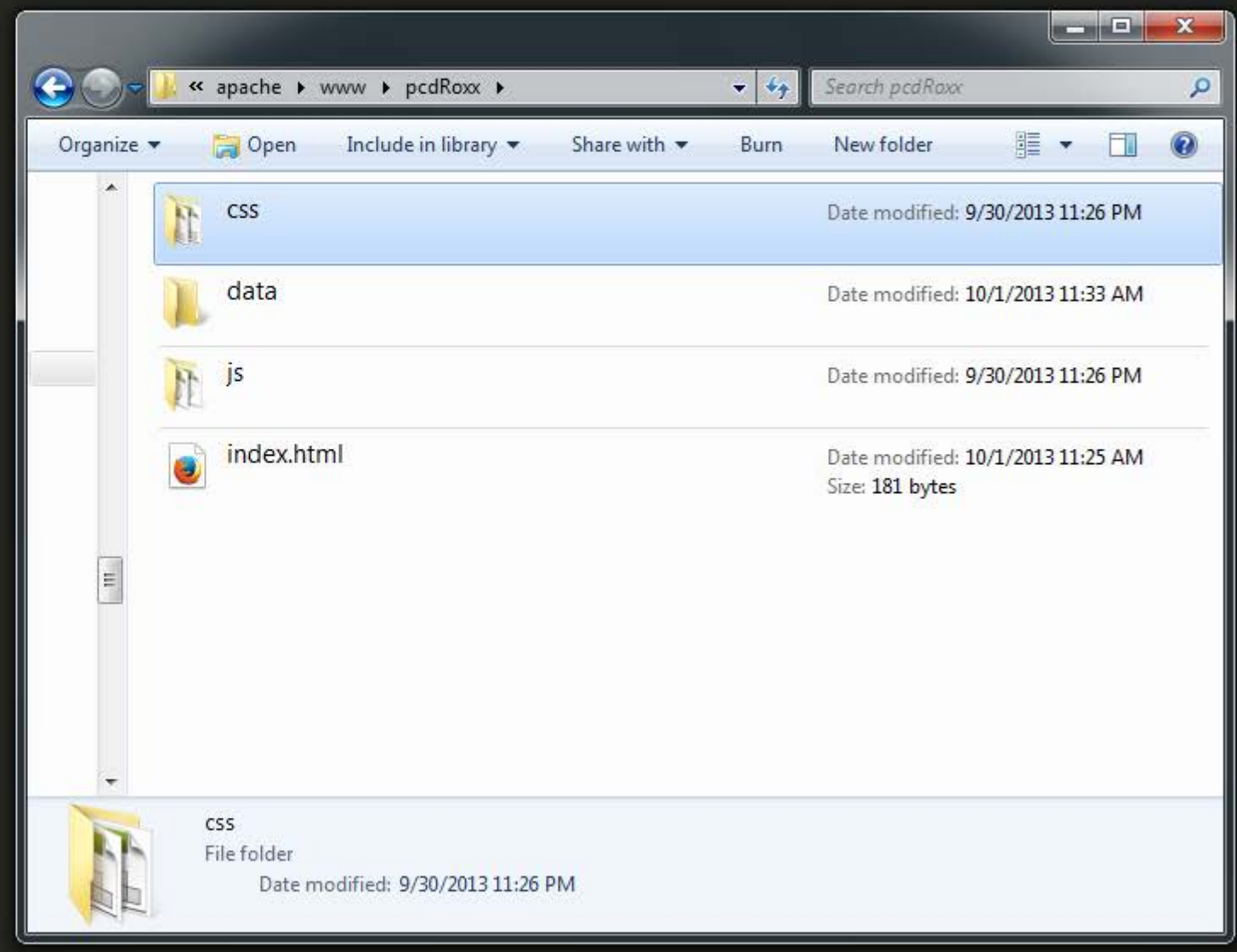
University of Wisconsin-Madison

C:\Program Files\PostgreSQL\EnterpriseDB-ApachePHP\apache\www\pcdRoxx\index.html - Sublime Text 2 (UNREGISTERED)

index.html

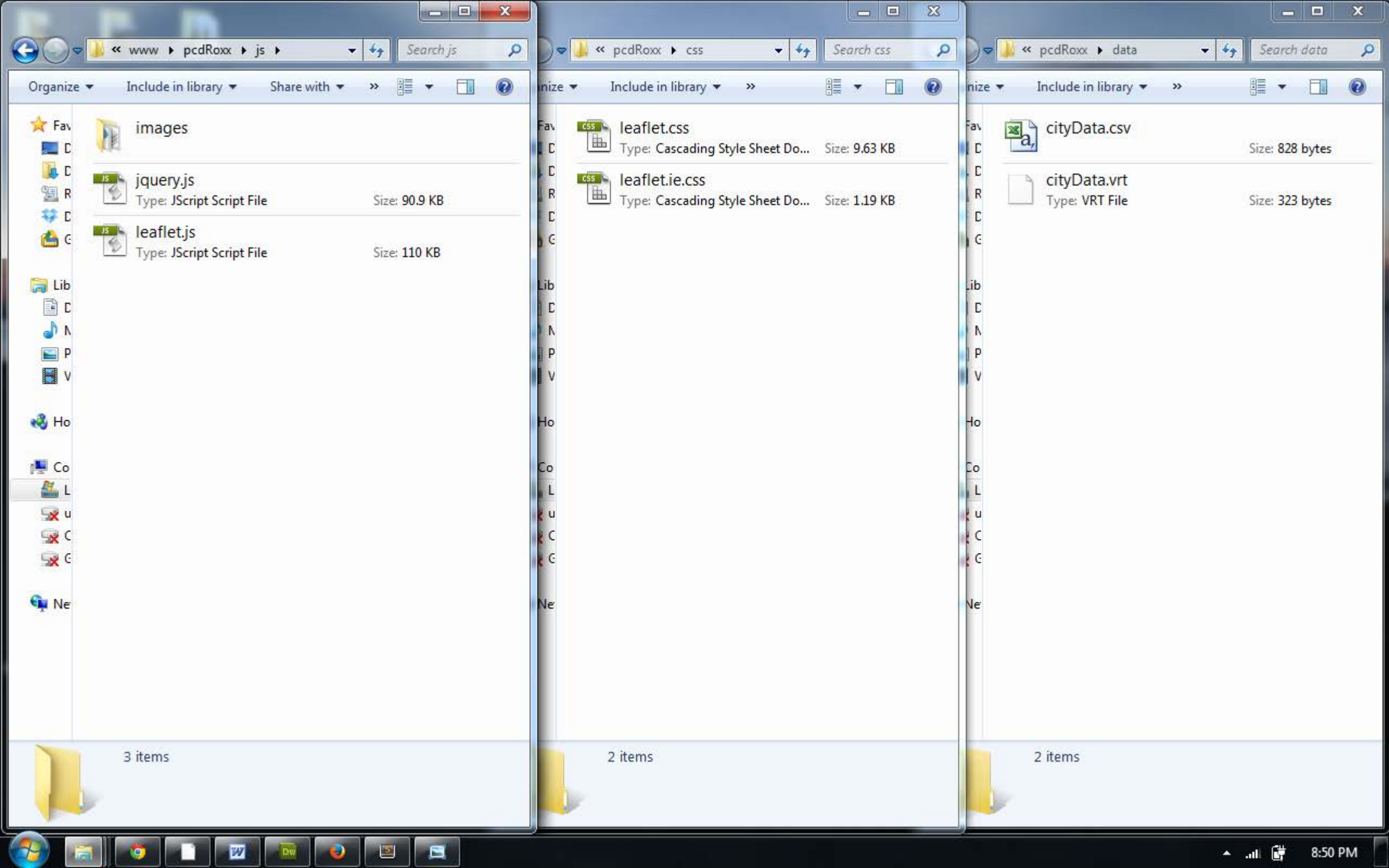
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title></title>

    <meta name="viewport" content="width=device-width">

</head>

<body>

</body>
</html>
```



Line 6, Column 1

Tab S

11:37 AM


« www ▸ pcdRoxx ▸ js ▸
Search js
Organize
Include in library
Share with
images
jquery.js
Type: JScript Script File
Size: 90.9 KB
leaflet.js
Type: JScript Script File
Size: 110 KB
3 items
« pcdRoxx ▸ css
Search css
Include in library
leaflet.css
Type: Cascading Style Sheet Do...
Size: 9.63 KB
leaflet.ie.css
Type: Cascading Style Sheet Do...
Size: 1.19 KB
2 items
« pcdRoxx ▸ data
Search data
Include in library
cityData.csv
Size: 828 bytes
cityData.vrt
Type: VRT File
Size: 323 bytes
2 items
8:50 PM

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title></title>

    <meta name="viewport" content="width=device-width">

    <link rel="stylesheet" href="css/leaflet.css">
    <!--[if IE]>
        <link rel="stylesheet" href="css/leaflet.ie.css">
    <![endif]-->

</head>

<body>

    <script src="js/jquery.js"></script>
    <script src="js/leaflet.js"></script>

</body>
</html>
```


11:40 AM

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title></title>

    <meta name="viewport" content="width=device-width">

    <link rel="stylesheet" href="css/leaflet.css">
    <!--[if IE]>
        <link rel="stylesheet" href="css/leaflet.ie.css">
    <![endif]-->

</head>

<body>

    <div id="wrapper">
        <h1>PCD Proportional Symbol Map in Leaflet</h1>
        <div id="map"></div>
    </div>

    <script src="js/jquery.js"></script>
    <script src="js/leaflet.js"></script>

</body>
</html>
```


11:42 AM

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>PCD Roxx!</title>

    <meta name="viewport" content="width=device-width">

    <link rel="stylesheet" href="css/leaflet.css">
    <!--[if IE]>
        <link rel="stylesheet" href="css/leaflet.ie.css">
    <![endif]-->

</head>

<body>

    <style>
        body {
            font-family: sans-serif;
        }
        #wrapper {
            width: 960px;
            margin: 15px auto;
        }
        #map {
            width: 100%;
            height: 450px;
            margin: 15px;
        }

    </style>

    <div id="wrapper">
        <h1>PCD Proportional Symbol Map in Leaflet</h1>
        <div id="map"></div>
    </div>

    <script src="js/jquery.js"></script>
    <script src="js/leaflet.js"></script>

</body>
```


11:45 AM

index.html

```
15
16  <body>
17
18      <style>
19          body {
20              font-family: sans-serif;
21          }
22          #wrapper {
23              width: 960px;
24              margin: 15px auto;
25          }
26          #map {
27              width: 100%;
28              height: 450px;
29              margin: 15px;
30          }
31
32      </style>
33
34      <div id="wrapper">
35          <h1>PCD Proportional Symbol Map in Leaflet</h1>
36          <div id="map"></div>
37      </div>
38
39      <script src="js/jquery.js"></script>
40      <script src="js/leaflet.js"></script>
41
42      <script>
43          $(document).ready(function(){
44              var map,
45                  cities,
46                  tiles;
47
48              map = L.map('map');
49
50          })
51
52      </script>
53
54  </body>
55  </html>
```


11:48 AM

index.html

```
        }
        #wrapper {
            width: 960px;
            margin: 15px auto;
        }
        #map {
            width: 100%;
            height: 450px;
            margin: 15px;
        }

    </style>

    <div id="wrapper">
        <h1>PCD Proportional Symbol Map in Leaflet</h1>
        <div id="map"></div>
    </div>

    <script src="js/jquery.js"></script>
    <script src="js/leaflet.js"></script>

    <script>
        $(document).ready(function(){
            var map,
                cities,
                tiles;

            map = L.map('map');

            tiles = L.tileLayer(
                'http://{s}.acetate.geoiq.com/tiles/acetate/{z}/{x}/{y}.png',
                {
                    attribution: 'Acetate tileset from GeoIQ'
                }).addTo(map);

        })

    </script>

</body>
</html>
```


11:54 AM

index.html

```
        }
        #wrapper {
            width: 960px;
            margin: 15px auto;
        }
        #map {
            width: 100%;
            height: 450px;
            margin: 15px;
        }

    </style>

    <div id="wrapper">
        <h1>PCD Proportional Symbol Map in Leaflet</h1>
        <div id="map"></div>
    </div>

    <script src="js/jquery.js"></script>
    <script src="js/leaflet.js"></script>

    <script>
        $(document).ready(function(){
            var map,
                cities,
                tiles;

            map = L.map('map', {
                center: [38, -96],
                zoom: 4,
                minZoom: 4
            });

            tiles = L.tileLayer(
                'http://{s}.acetate.geoiq.com/tiles/acetate/{z}/{x}/{y}.png',
                {
                    attribution: 'Acetate tileset from GeoIQ'
                }).addTo(map);

        })

    </script>
```


11:55 AM

```
id,name,latitude,longitude,yr2005,yr2006,yr2007,yr2008,yr2009,yr2010,yr2011
1,Atlanta,33.7489,-84.3881,85,38,75,30,9,15,38
2,Chicago,41.85,-87.65,28,29,38,26,15,12,10
3,Dallas,32.7828,-96.8039,18,59,22,60,82,42,18
4,Denver,39.7392,-104.9842,35,45,31,26,14,9,15
5,Houston,29.7631,-95.3631,12,31,15,22,28,38,31
6,Kansas City,39.0997,-94.5783,25,50,25,25,25,25,100
7,Los Angeles,34.0522,-118.2428,88,46,56,15,12,25,46
8,Miami,25.7738,-80.1924,52,51,46,68,75,85,96
9,Minneapolis,44.98,-93.2636,7,12,18,11,9,9,4
10,New York,40.7142,-74.0064,23,18,16,24,26,28,30
11,Philadelphia,39.9522,-75.1642,32,28,29,25,22,15,8
12,Phoenix,33.4539,-112.0746,8,15,22,25,29,28,32
13,San Francisco,37.775,-122.4183,82,74,72,10,85,88,74
14,Seattle,47.6097,-122.3331,9,16,14,23,45,66,85
15,Washington,38.89,-77.03,33,45,68,96,102,82,74
```

C:\Program Files\PostgreSQL\EnterpriseDB-ApachePHP\apache\www\pcdRoxx\data\cityData.vrt - Sublime Text 2 (UNREGISTERED)

index.html × cityData.vrt ×

```
1  <OGRVRTDataSource>
2      <OGRVRTLayer name="cityData">
3          <SrcDataSource>c:\data\pcd\cityData.csv</SrcDataSource>
4          <GeometryType>wkbPoint</GeometryType>
5          <LayerSRS>WGS84</LayerSRS>
6          <GeometryField encoding="PointFromColumns" x="Longitude" y="Latitude"/>
7      </OGRVRTLayer>
8  </OGRVRTDataSource>
```

Administrator: OSGeo4W Shell

```
C:\>ogr2ogr -f "GeoJSON" c:\data\pcd\cityData.json c:\data\pcd\cityData.vrt
```

Line 3, Column 35; Saved C:\Program Files\PostgreSQL\EnterpriseDB-ApachePHP\apache\www\pcdRoxx\data\cityData.vrt (UTF-8)

Tab S

12:05 PM

index.html | cityData.csv | cityData.json


```
{
"type": "FeatureCollection",

"features": [
{ "type": "Feature", "properties": { "id": "1", "name": "Atlanta", "latitude": "33.75", "longitude": "-84.39", "yr2005": "85.00", "yr2006": "38.00", "yr2007": "75.00", "yr2008": "30.00", "yr2009": "9.00", "yr2010": "15.00", "yr2011": "38.00" }, "geometry": { "type": "Point", "coordinates": [ -84.39, 33.75 ] } }
,
{ "type": "Feature", "properties": { "id": "2", "name": "Chicago", "latitude": "41.85", "longitude": "-87.65", "yr2005": "28.00", "yr2006": "29.00", "yr2007": "38.00", "yr2008": "26.00", "yr2009": "15.00", "yr2010": "12.00", "yr2011": "10.00" }, "geometry": { "type": "Point", "coordinates": [ -87.65, 41.85 ] } }
,
{ "type": "Feature", "properties": { "id": "3", "name": "Dallas", "latitude": "32.78", "longitude": "-96.80", "yr2005": "18.00", "yr2006": "59.00", "yr2007": "22.00", "yr2008": "60.00", "yr2009": "82.00", "yr2010": "42.00", "yr2011": "18.00" }, "geometry": { "type": "Point", "coordinates": [ -96.8, 32.78 ] } }
,
{ "type": "Feature", "properties": { "id": "4", "name": "Denver", "latitude": "39.74", "longitude": "-104.98", "yr2005": "35.00", "yr2006": "45.00", "yr2007": "31.00", "yr2008": "26.00", "yr2009": "14.00", "yr2010": "9.00", "yr2011": "15.00" }, "geometry": { "type": "Point", "coordinates": [ -104.98, 39.74 ] } }
,
{ "type": "Feature", "properties": { "id": "5", "name": "Houston", "latitude": "29.76", "longitude": "-95.36", "yr2005": "12.00", "yr2006": "31.00", "yr2007": "15.00", "yr2008": "22.00", "yr2009": "28.00", "yr2010": "38.00", "yr2011": "31.00" }, "geometry": { "type": "Point", "coordinates": [ -95.36, 29.76 ] } }
,
{ "type": "Feature", "properties": { "id": "6", "name": "Kansas City", "latitude": "39.10", "longitude": "-94.58", "yr2005": "25.00", "yr2006": "50.00", "yr2007": "25.00", "yr2008": "25.00", "yr2009": "25.00", "yr2010": "25.00", "yr2011": "100.00" }, "geometry": { "type": "Point", "coordinates": [ -94.58, 39.1 ] } }
,
{ "type": "Feature", "properties": { "id": "7", "name": "Los Angeles", "latitude": "34.05", "longitude": "-118.24", "yr2005": "88.00", "yr2006": "46.00", "yr2007": "56.00", "yr2008": "15.00", "yr2009": "12.00", "yr2010": "25.00", "yr2011": "46.00" }, "geometry": { "type": "Point", "coordinates": [ -118.24, 34.05 ] }
}
```

index.html

```
    </style>

    <div id="wrapper">
        <h1>PCD Proportional Symbol Map in Leaflet</h1>
        <div id="map"></div>
    </div>

    <script src="js/jquery.js"></script>
    <script src="js/leaflet.js"></script>

    <script>
        $(document).ready(function(){
            var map,
                cities,
                tiles;

            map = L.map('map', {
                center: [38, -96],
                zoom: 4,
                minZoom: 4
            });

            tiles = L.tileLayer(
                'http://{s}.acetate.geoiq.com/tiles/acetate/{z}/{x}/{y}.png',
                {
                    attribution: 'Acetate tileset from GeoIQ'
                }).addTo(map);

            $.getJSON("data/cityData.json")
                .done(function(data) {

                })

        })

    </script>

</body>
</html>
```

index.html

```
    </style>

    <div id="wrapper">
        <h1>PCD Proportional Symbol Map in Leaflet</h1>
        <div id="map"></div>
    </div>

    <script src="js/jquery.js"></script>
    <script src="js/leaflet.js"></script>

    <script>
        $(document).ready(function(){
            var map,
                cities,
                tiles;

            map = L.map('map', {
                center: [38, -96],
                zoom: 4,
                minZoom: 4
            });

            tiles = L.tileLayer(
                'http://{s}.acetate.geoiq.com/tiles/acetate/{z}/{x}/{y}.png',
                {
                    attribution: 'Acetate tileset from GeoIQ'
                }).addTo(map);

            $.getJSON("data/cityData.json")
                .done(function(data) {

                    L.geoJson(data).addTo(map);

                })

        })

    </script>

</body>
</html>
```


12:09 PM

```
    </style>

    <div id="wrapper">
        <h1>PCD Proportional Symbol Map in Leaflet</h1>
        <div id="map"></div>
    </div>

    <script src="js/jquery.js"></script>
    <script src="js/leaflet.js"></script>

    <script>
        $(document).ready(function(){
            var map,
                cities,
                tiles;

            map = L.map('map', {
                center: [38, -96],
                zoom: 4,
                minZoom: 4
            });

            tiles = L.tileLayer(
                'http://{s}.acetate.geoiq.com/tiles/acetate/{z}/{x}/{y}.png',
                {
                    attribution: 'Acetate tileset from GeoIQ'
                }).addTo(map);

            $.getJSON("data/cityData.json")
                .done(function(data) {

                    L.geoJson(data, {
                        onEachFeature: function(feature, layer){
                            layer.bindPopup(feature.properties.name);
                        }
                    }).addTo(map);

                })

    })

```


12:11 PM

```
$(document).ready(function(){
    var map,
        cities,
        tiles;

    map = L.map('map', {
        center: [38, -96],
        zoom: 4,
        minZoom: 4
    });

    tiles = L.tileLayer(
        'http://{s}.acetate.geoiq.com/tiles/acetate/{z}/{x}/{y}.png',
        {
            attribution: 'Acetate tileset from GeoIQ'
        }).addTo(map);

    $.getJSON("data/cityData.json")
        .done(function(data) {

            L.geoJson(data, {
                pointToLayer: function(feature, latlng){
                    return L.circleMarker(latlng, {
                        radius: 10,
                        fillColor: "#ff0000",
                        color: "#ff0000"
                    })
                },
                onEachFeature: function(feature, layer){
                    layer.bindPopup(feature.properties.name);
                }
            }).addTo(map);

        })

    })

</script>

</body>
</html>
```

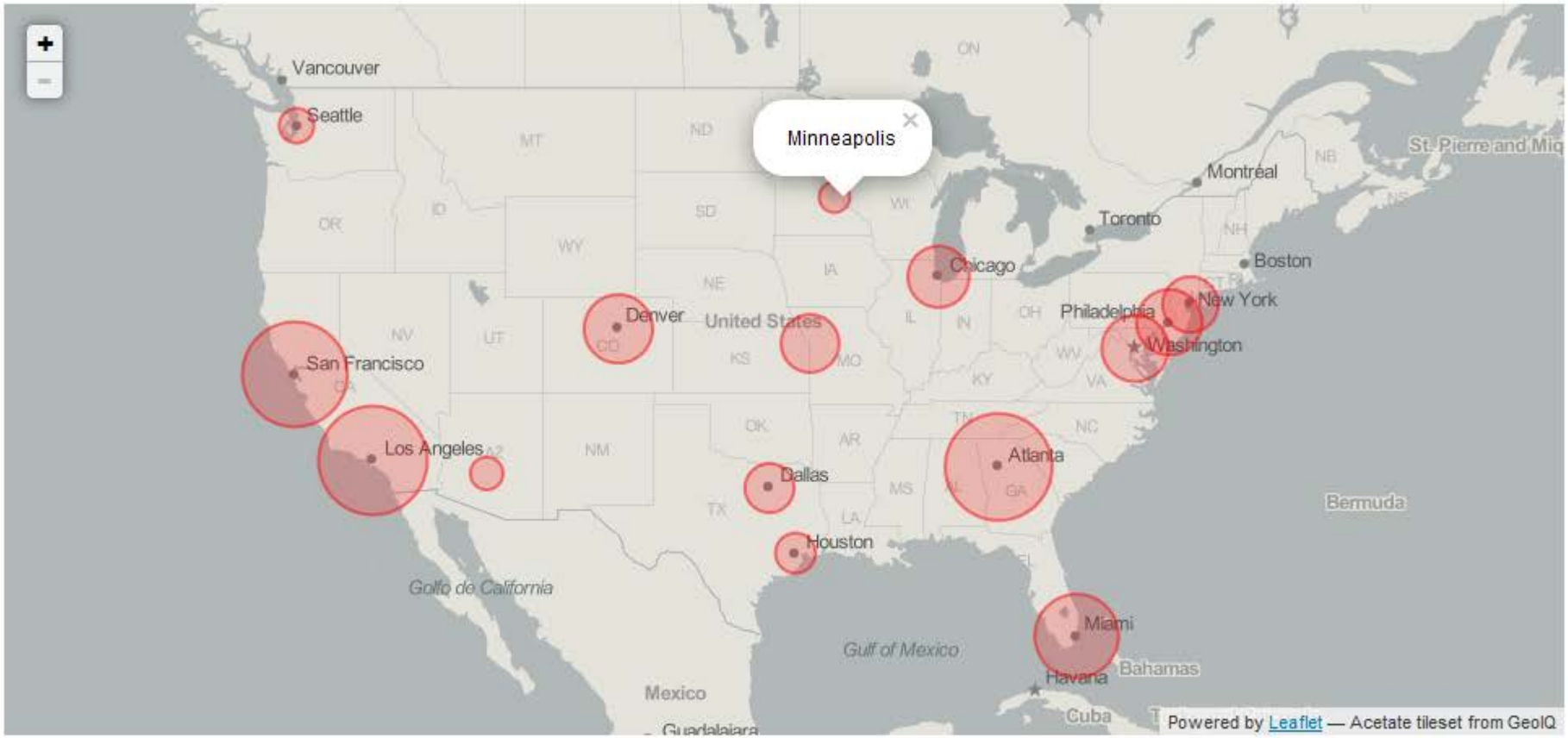

12:14 PM

```
        center: [38, -96],
        zoom: 4,
        minZoom: 4
    });

    tiles = L.tileLayer(
        'http://{s}.acetate.geoiq.com/tiles/acetate/{z}/{x}/{y}.png',
        {
            attribution: 'Acetate tileset from GeoIQ'
        }).addTo(map);

    $.getJSON("data/cityData.json")
        .done(function(data) {

            L.geoJson(data, {
                pointToLayer: function(feature, latlng){
                    return L.circleMarker(latlng, {
                        radius: calcPropRadius(feature.properties.yr2005),
                        fillColor: "#ff0000",
                        color: "#ff0000"
                    })
                },
                onEachFeature: function(feature, layer){
                    layer.bindPopup(feature.properties.name);
                }
            }).addTo(map);

        });

        function calcPropRadius(attributeValue){
            var scaleFactor = 10;
            var area = attributeValue * scaleFactor;
            return Math.sqrt(area/Math.PI)*2;
        }

    })

</script>

</body>
</html>
```


12:17 PM

Firefox
PCD Roxx!
localhost:8080/pcdRoxx/index.html
Google
Most Visited
575 Lab 3
575 Lab 2
Localhost Wikimap
Live Wikimap
InteractionViz
Geog999App
Web Map Services De...
Walworth-Map
Sand Storm Wikimap

PCD Proportional Symbol Map in Leaflet



localhost:8080/pcdRoxx/index.html#close
9:02 PM