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To style only one country on a Mapbox map, you need to follow these steps:



Karol Munoz · [Follow](#)

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2



1. Set up your Mapbox environment:

- Create an HTML file.
- Include the Mapbox GL JS library.
- Initialize the map with your Mapbox access token.

2. Add a GeoJSON source for countries:

- Use a GeoJSON file containing the country's boundaries.
- Add the GeoJSON data as a source in the Mapbox map.

3. Create a layer to style the specific country:

- Use the `fill` layer to style the country.
- Use a filter to target the specific country by its properties (e.g., name or ISO code).

Here's a step-by-step guide with the complete code:

Step-by-Step Guide

1. Set up your Mapbox environment

First, create an HTML file and include the Mapbox GL JS library:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8" />
  <title>Style One Country on Mapbox</title>
  <meta name="viewport" content="initial-scale=1,maximum-scale=1,user-scalable=no" />
  <script src="https://api.mapbox.com/mapbox-gl-js/v2.9.1/mapbox-gl.js"></script>
  <link href="https://api.mapbox.com/mapbox-gl-js/v2.9.1/mapbox-gl.css" rel="stylesheet">
  <style>
    body { margin: 0; padding: 0; }
    #map { position: absolute; top: 0; bottom: 0; width: 100%; }
  </style>
</head>
<body>
  <div id="map"></div>
  <script>
    // Add your Mapbox access token here
    mapboxgl.accessToken = 'YOUR_MAPBOX_ACCESS_TOKEN';
```

```
// Initialize the map
const map = new mapboxgl.Map({
```

```
    container: 'map', // container ID
    style: 'mapbox://styles/mapbox/streets-v11', // style URL
    center: [0, 0], // starting position [lng, lat]
    zoom: 2 // starting zoom
  });
</script>
</body>
</html>
```

1. Add a GeoJSON source for countries

You will need a GeoJSON file that contains the boundaries of the countries.

For demonstration purposes, let's assume you have a GeoJSON file

`countries.geojson` which includes a property `ISO_A3` that holds the ISO code of the countries.

1. Add the GeoJSON source and create a layer to style the specific country

Modify the `<script>` section of your HTML file:

```
<script>
  map.on('load', () => {
    // Add GeoJSON source
    map.addSource('countries', {
      'type': 'geojson',
      'data': 'path/to/your/countries.geojson' // Replace with the path to
    });
```

```
    // Add a layer to style the specific country (e.g., United
    States with ISO code 'USA')
    map.addLayer({
      'id': 'highlighted-country',
      'type': 'fill',
      'source': 'countries',
      'paint': {
```

```

        'fill-color': '#f08', // Color of the country
        'fill-opacity': 0.5 // Opacity of the color
    },
    'filter': ['==', 'ISO_A3', 'USA'] // Replace 'USA' with
the ISO code of the country you want to highlight
});

// Optional: Add a border to the country
map.addLayer({
    'id': 'country-borders',
    'type': 'line',
    'source': 'countries',
    'paint': {
        'line-color': '#f08',
        'line-width': 2
    },
    'filter': ['==', 'ISO_A3', 'USA'] // Replace 'USA' with
the ISO code of the country you want to highlight
});
});
</script>

```

Full HTML Code

Here's the full code with all the steps integrated:

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8" />
    <title>Style One Country on Mapbox</title>
    <meta name="viewport" content="initial-scale=1,maximum-scale=1,user-scalable=no">
    <script src="https://api.mapbox.com/mapbox-gl-js/v2.9.1/mapbox-gl.js"></script>
    <link href="https://api.mapbox.com/mapbox-gl-js/v2.9.1/mapbox-gl.css" rel="stylesheet">
    <style>
        body { margin: 0; padding: 0; }
        #map { position: absolute; top: 0; bottom: 0; width: 100%; }
    </style>
</head>
<body>
    <div id="map"></div>

```

<script>

```
mapboxgl.accessToken = 'YOUR_MAPBOX_ACCESS_TOKEN';
```

```
const map = new mapboxgl.Map({
  container: 'map',
  style: 'mapbox://styles/mapbox/streets-v11',
  center: [0, 0],
  zoom: 2
});
```

```
map.on('load', () => {
  map.addSource('countries', {
    'type': 'geojson',
```

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```
    'id': 'highlighted-country',
    'type': 'fill',
    'source': 'countries',
    'paint': {
      'fill-color': '#f08',
      'fill-opacity': 0.5
    },
    'filter': ['==', 'ISO_A3', 'USA'] // Replace 'USA'
with the ISO code of the country you want to highlight
  });
```

```
  map.addLayer({
    'id': 'country-borders',
    'type': 'line',
    'source': 'countries',
    'paint': {
      'line-color': '#f08',
      'line-width': 2
    },
    'filter': ['==', 'ISO_A3', 'USA'] // Replace 'USA'
with the ISO code of the country you want to highlight
  });
});
</script>
</body>
</html>
```

Summary

This guide helps you style a specific country on a Mapbox map by:

1. Setting up the Mapbox environment.
2. Adding a GeoJSON source containing country boundaries.
3. Creating layers with filters to style the specific country.

Replace 'USA' and the path to your GeoJSON file with the appropriate values for your use case.

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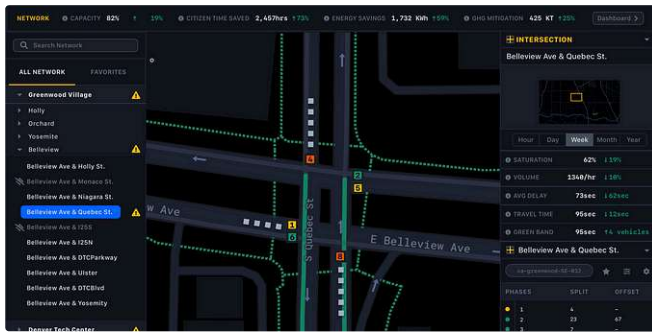
Written by Karol Munoz


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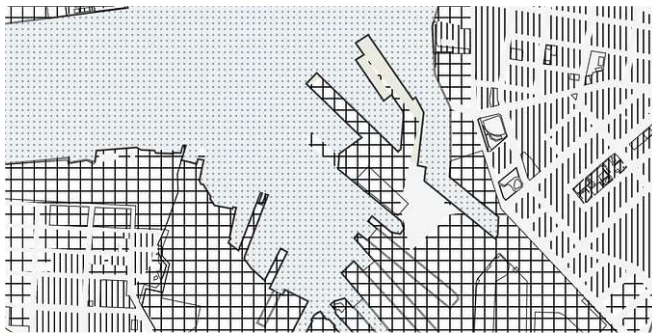


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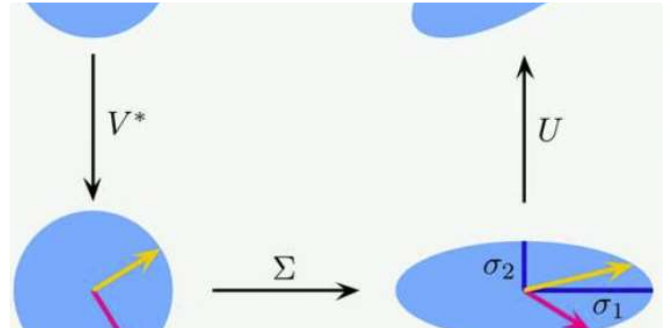



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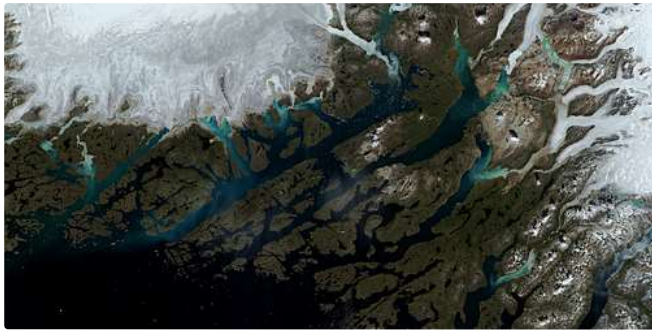
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- Integrated Iframes for credit cards and bank accounts to secure 80% of all consumer traffic and prevent CSRF, cross-site scripting, and cookie-jacking
- Led Your Transactions implementation for JavaScript front-end framework to showcase consumer transactions and reduce call center costs by \$25 Million
- Recovered Saudi Arabia checkout failure impacting 4000+ customers due to incorrect GET form redirection

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- Platform to offer coding problem practice with built in code editor and written + video solutions in React
- Utilized Nginx to reverse proxy IP address on Digital Ocean hosts
- Developed using Styled-Components for 95% CSS styling to ensure proper CSS scoping
- Implemented Docker with Seccomp to safely run user submitted code with < 2.2s runtime

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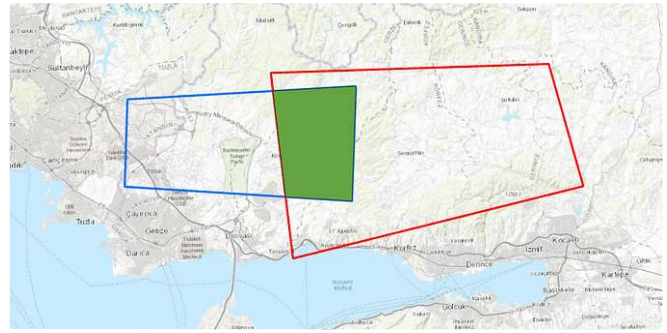
- Visualized Google Takeout location data of location history using Google Maps API and Google Maps heatmap code with React
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