

# Mapping 1

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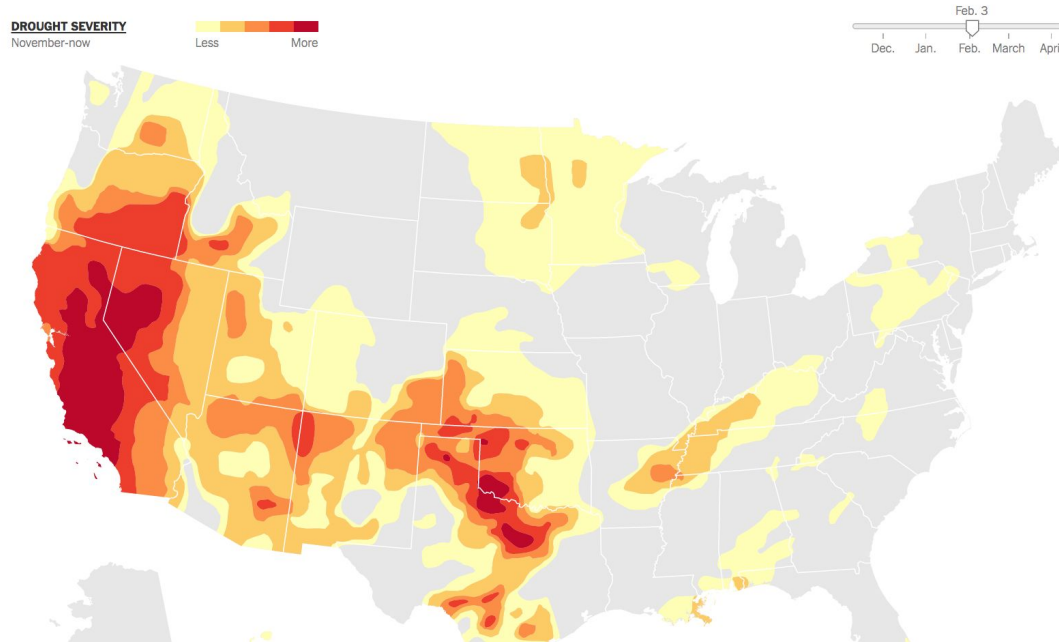
The Data Bootcamp | April 12, 2018

# Examples of Maps

## Mapping the Spread of Drought Across the U.S.

By **MIKE BOSTOCK** and **KEVIN QUEALY** UPDATED APR. 9, 2015

Maps and charts updated weekly show the latest extent of the drought in the United States. [RELATED ARTICLE](#)

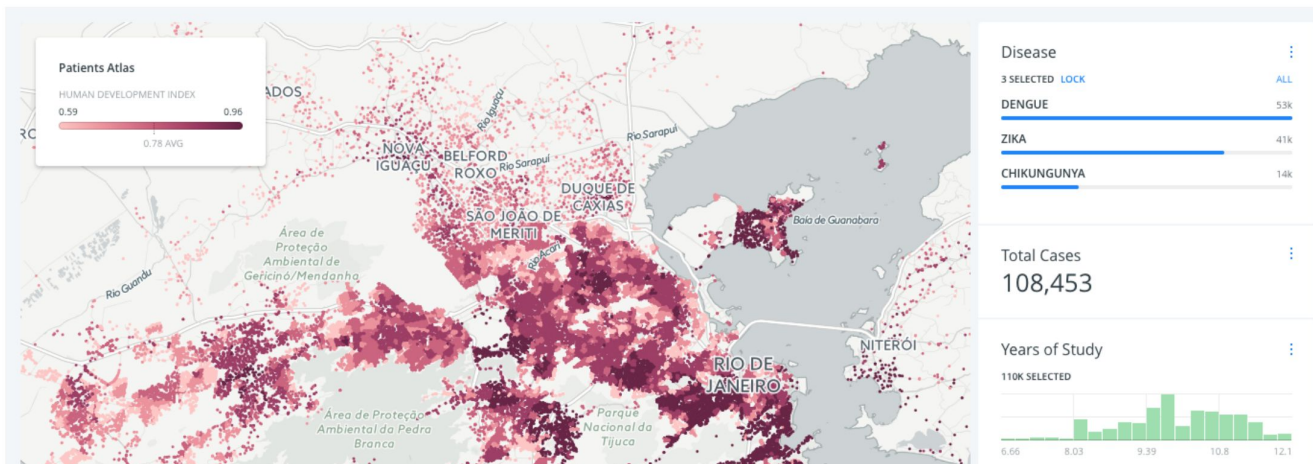


<https://www.nytimes.com/interactive/2014/upshot/mapping-the-spread-of-drought-across-the-us.html? r=0>

# Examples of Maps

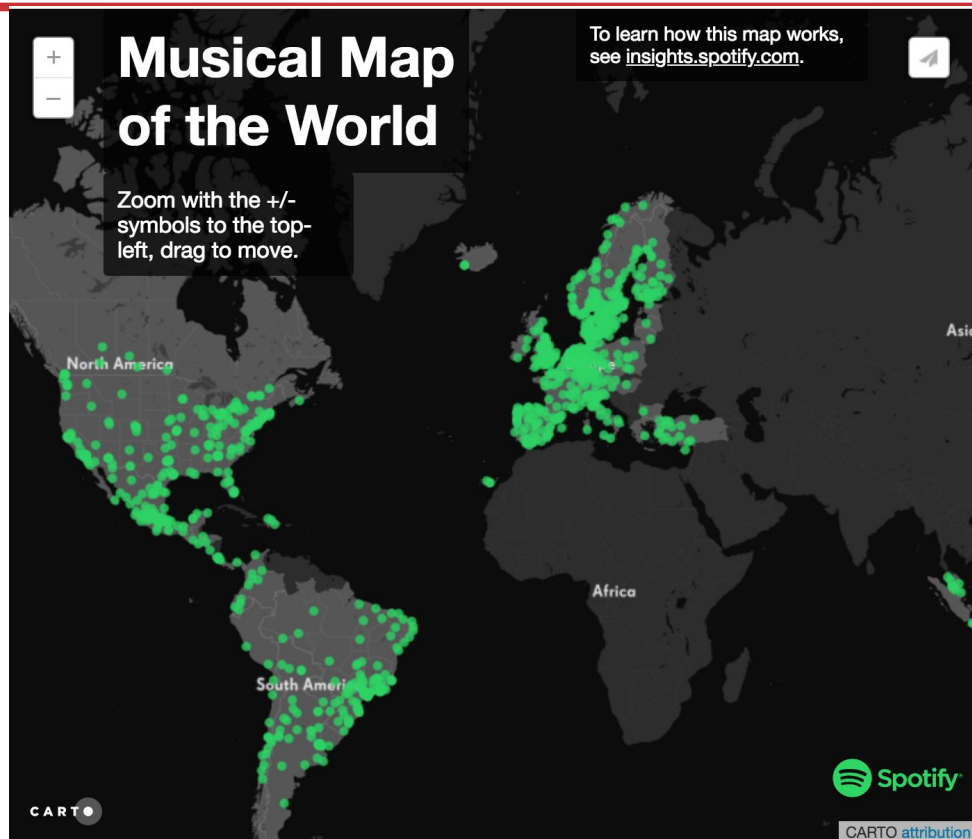
## UNDERSTAND AND PREDICT ZIKA IN BRAZIL WITH SPATIAL ANALYSIS

Written by [Tyler Bird](#) on Dec 16, 2016



<https://carto.com/blog/understand-and-predict-zika-in-brazil/>

# Examples of Maps



<https://insights.spotify.com/us/2016/12/07/musical-map-of-the-world-2-0/>

# GEOJSON

GeoJSON is a format for encoding a variety of geographic data structures.

```
{
  "type": "Feature",
  "geometry": {
    "type": "Point",
    "coordinates": [125.6, 10.1]
  },
  "properties": {
    "name": "Dinagat Islands"
  }
}
```

GeoJSON supports the following geometry types: `Point`, `LineString`, `Polygon`, `MultiPoint`, `MultiLineString`, and `MultiPolygon`. Geometric objects with additional properties are `Feature` objects. Sets of features are contained by `FeatureCollection` objects.

<https://earthquake.usgs.gov/data/comcat/data-eventterms.php>

# Where to from here?

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**React.** Very common in Kansas City.

<https://swizec.com/blog/declarative-d3-transitions-react/swizec/8323>

**Angular.** Common with C#/ASP.NET Stack. Deep well - typescript. See:

<https://realpython.com/flask-by-example-part-1-project-setup/>

**Vue.js.** Not as deep a dive. Plays well with jinja templates.

Integration with Flask :

<http://stackabuse.com/single-page-apps-with-vue-js-and-flask-setting-up-vue-js/>

<https://courses.wilder minds.com/p/vue-js-by-example>