Interactive maps with Leaflet

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This is from the fifth chapter of learn.r-journalism.com.

Let's start out creating a map the way most people have experienced it, with a location.

Sometimes it's necessary to zoom in or pan around a map for greater comprehension while exploring data spatially.

The Leaflet R package was created by the folks behind RStudio to integrate with the popular opensource Javascript library.

It's great for journalists who have little knowledge of Javascript who want to make interesting interactives using R. And there is excellent documentation if you want to dig deeper into its functionality after this introduction.

Essentially, this package lets you make maps with custom map tiles, markers, polygons, lines, popups, and geojson. Almost any maps you can make in Google Fusion Tables or Carto(DB), you can make in R using the Leaflet package.

```r
# Uncomment and run "install.packages" functions below if you have not yet installed these packages

#install.packages("leaflet")

# IF YOU GET AN ERROR BECAUSE THERE IS NO PACKAGE CALLED httpuv

#install.packages("httpuv")
#install.packages("leaflet")
library(leaflet)

#install.packages("dplyr")
library(dplyr)
```

Putting a marker on a map

Let's begin by finding a latitude and longitude to map.

Go to Google Maps and search for any address.

Right click on the map until you get this menu.