Leaflet Maps

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install.packages('leaflet')

- Demonstration App and Tutorial Available at:
library(leaflet)

- Pros and Cons of Using Leaflet
- Building a Basic Leaflet Map
- Map Components
  - Basemaps
  - Basic Data Types
    - Points
    - Lines
    - Polygons
    - Raster Images
  - Popups, Hovers, & Legends
leaflet()

Pros

- Zoom functionality
- Interactivity (Click & Hover Messages)
- Great for applications like R Shiny and for webpages

Cons

- Must be connected to the internet
- No way to easily output the Leaflet map as an image
- Not great for documents
- Alaska and Hawaii can cause hassles
addTiles()

addTiles()

addProviderTiles("CartoDBPOSITRON")

addProviderTiles("StamenToner")

addProviderTiles("OpenStreetMapBlackAndWhite")
addCircleMarkers(), addPolyLines(), addPolygons(), & addRasterImage()
popup=popup, label=hover, & addLegend()
Contact Information

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