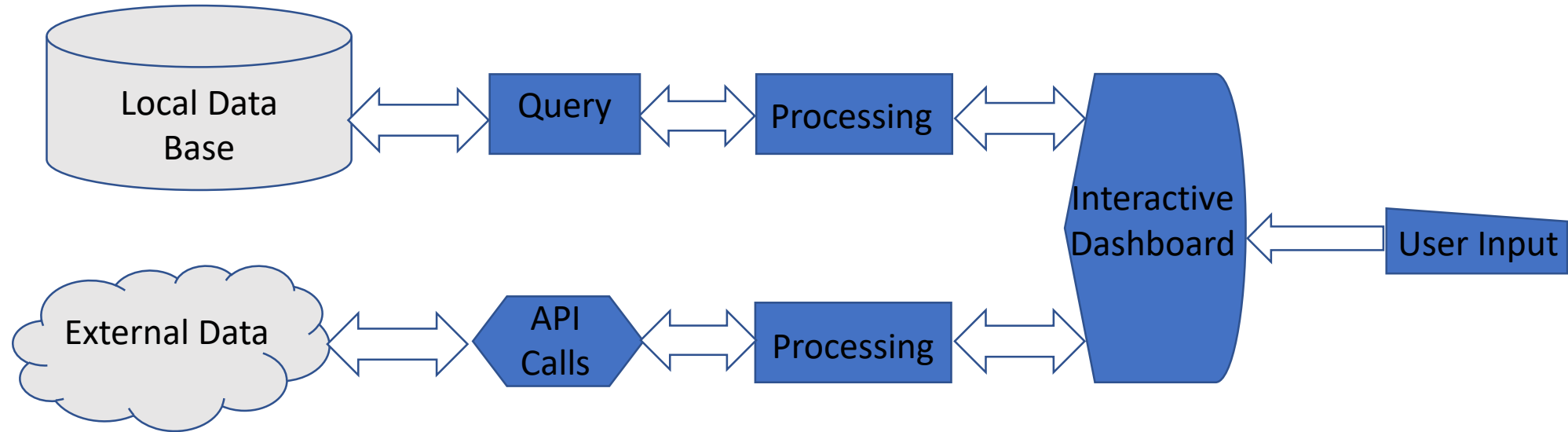


High-Level Design



Flight Data

Find Flight by Unique ADSB Code:

a808c4 ▼

Flight Data

callsign:

geo_altitude: 10363.2

icao24: a808c4

latitude: 37.0519

longitude: -80.9674

origin_country: United States

velocity: 232.48

Macro Air Picture

Interactive Dashboard



Flight Data

Find Flight by Unique ADSB Code:

a808c4 ▼

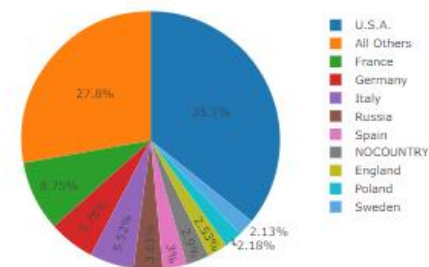
Flight Data

callsign:
geo_altitude: 10363.2
icao24: a808c4
latitude: 37.0519
longitude: -80.9674
origin_country: United States
velocity: 232.48

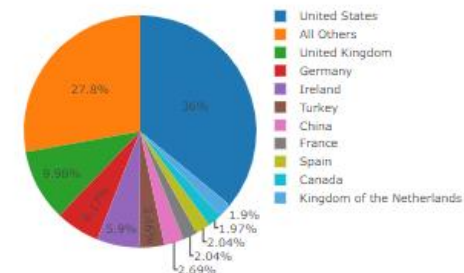
Common Air Picture



Flights Over Country

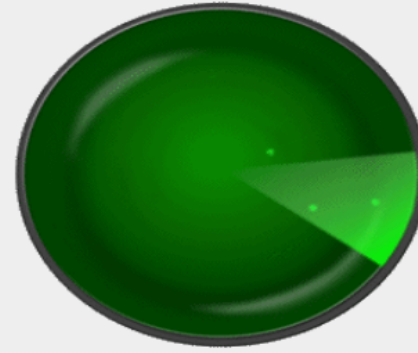


Flights By Country Aircraft Ownership



Macro Air Picture

Interactive Dashbord



Drop Down List

Flight Data

Find Flight by Unique ADSB Code:

a808c4 ▼

Flight Data

callsign:

geo_altitude: 10363.2

icao24: a808c4

latitude: 37.0519

longitude: -80.9674

origin_country: United States

velocity: 232.48

Data Frame

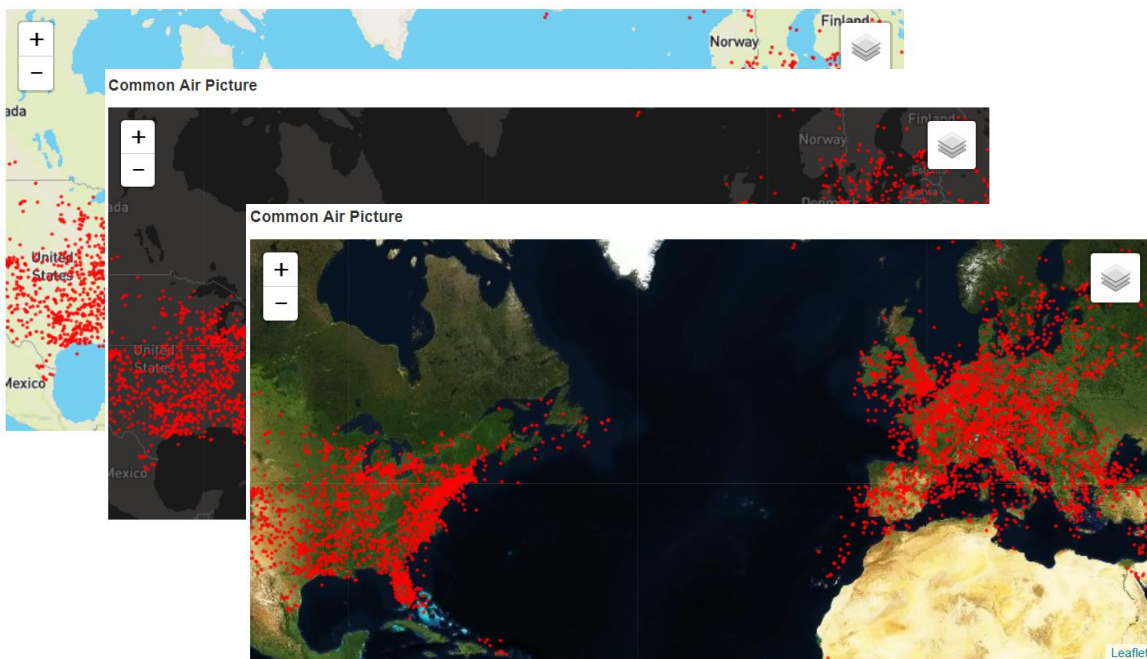
Common Air Picture



Leaflet Map

Individual Flight

Common Air Picture



Macro Air Picture

Interactive Dashbord



Flight Data

Common Air Picture

Find Flight by Unique ADSB Code:

a808c4 ▼

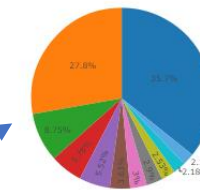
Flight Data

callsign:
geo_altitude: 10000.2
icao24: a808c4
latitude: 37.0919
longitude: -80.9674
origin_country: United States
velocity: 232.48

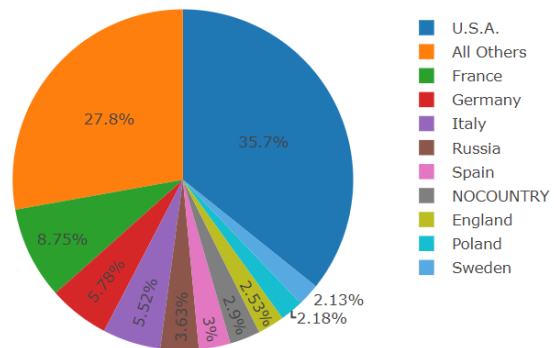


Flights Over Country

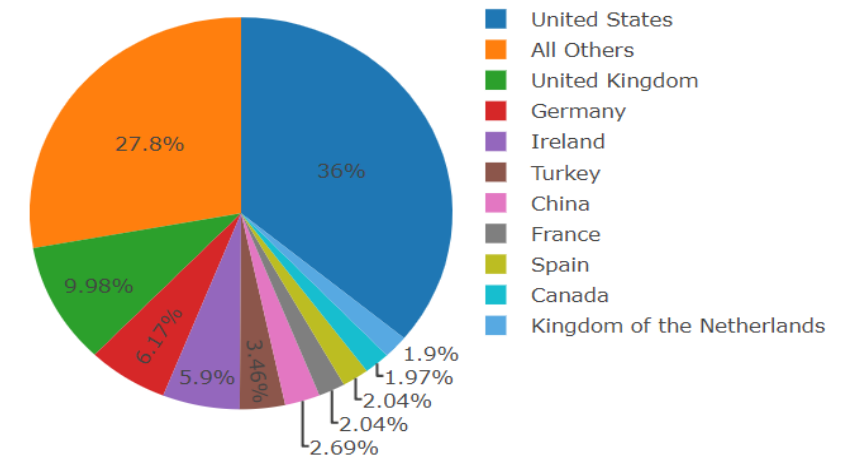
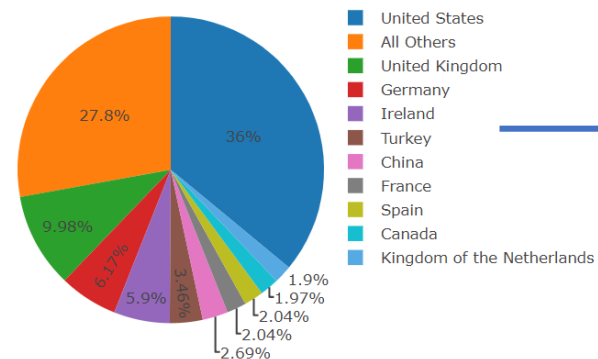
Flights By Country Aircraft Ownership



Flights Over Country



Flights By Country Aircraft Ownership

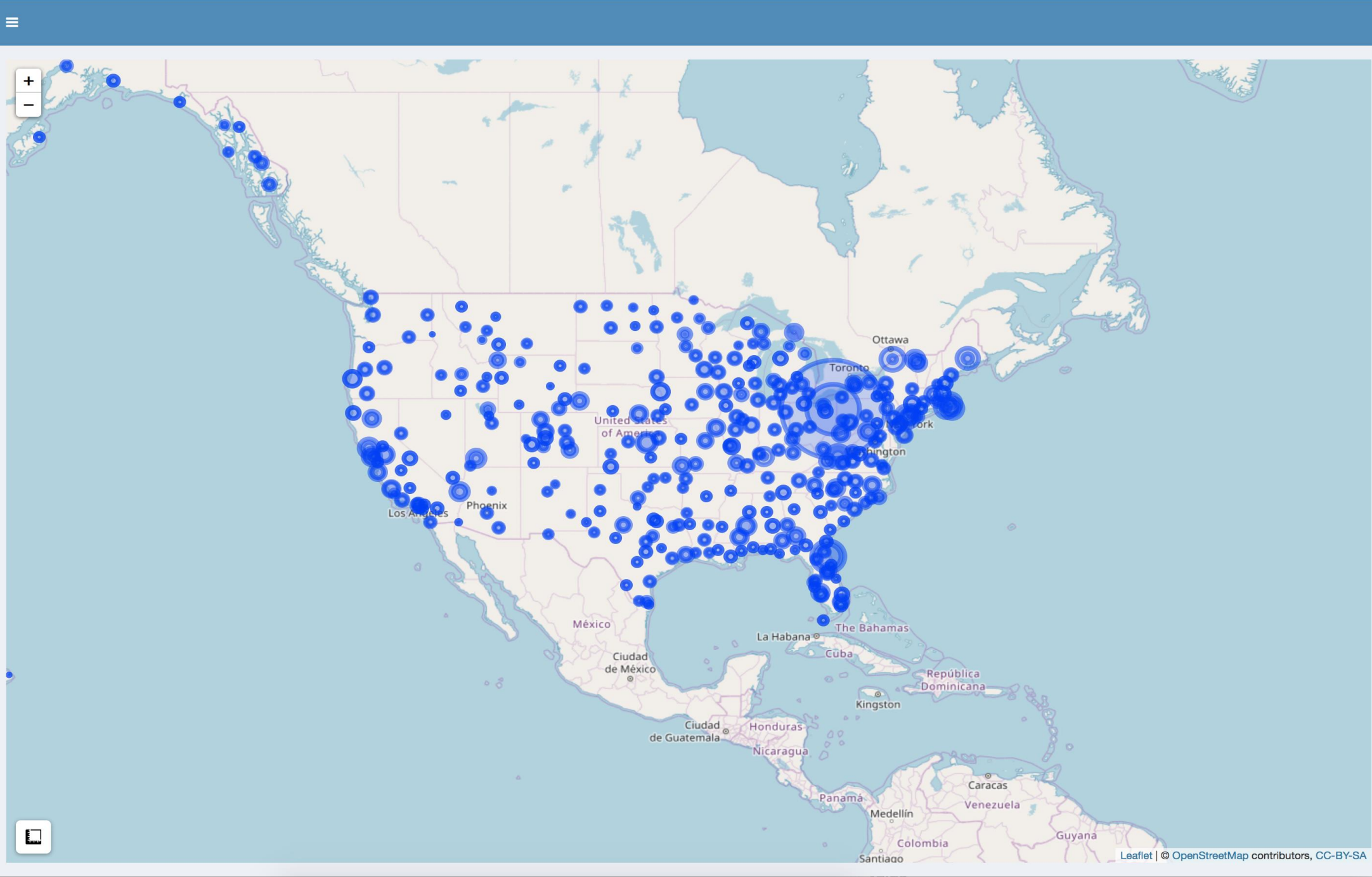


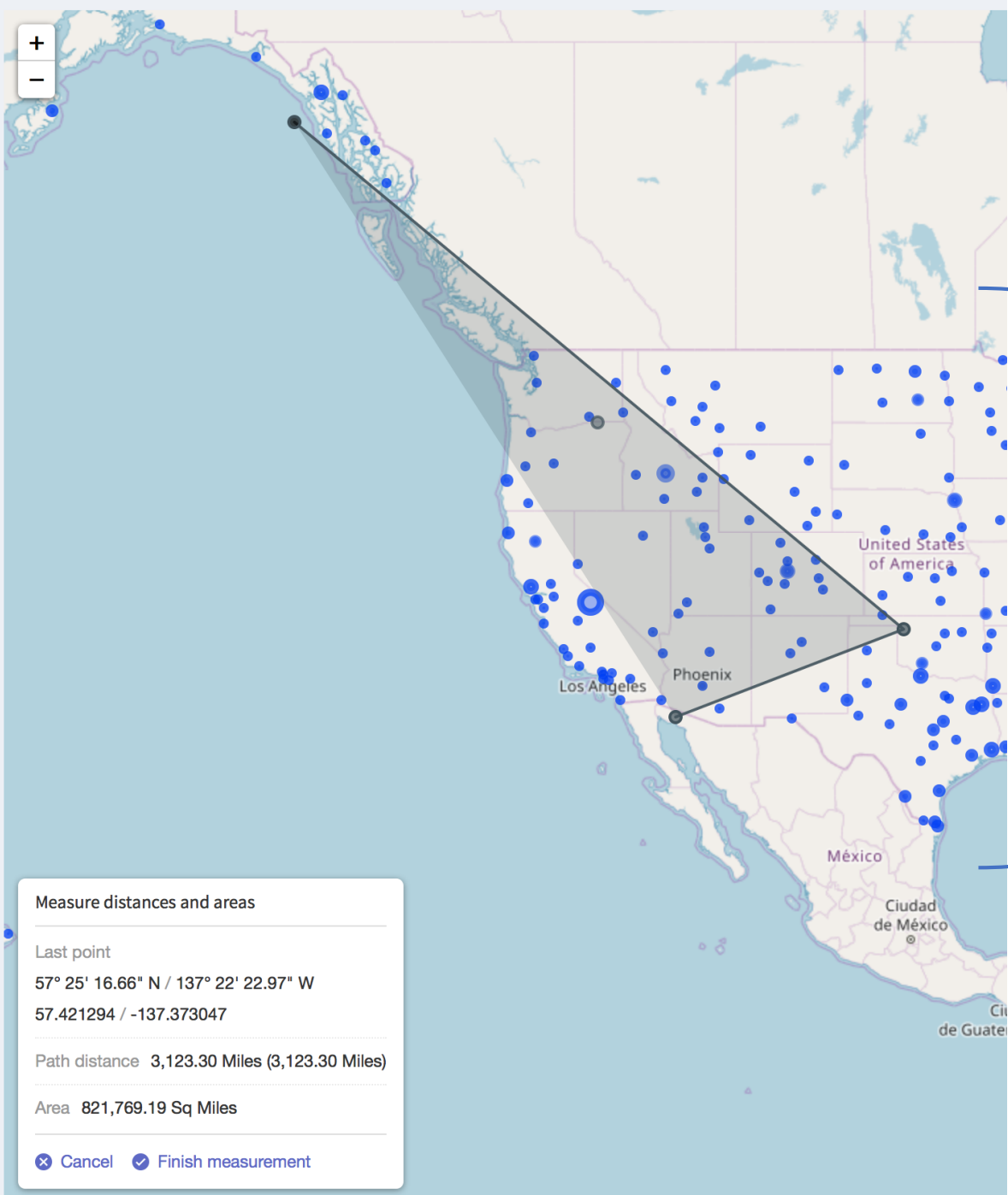
Origin / Destination

origin

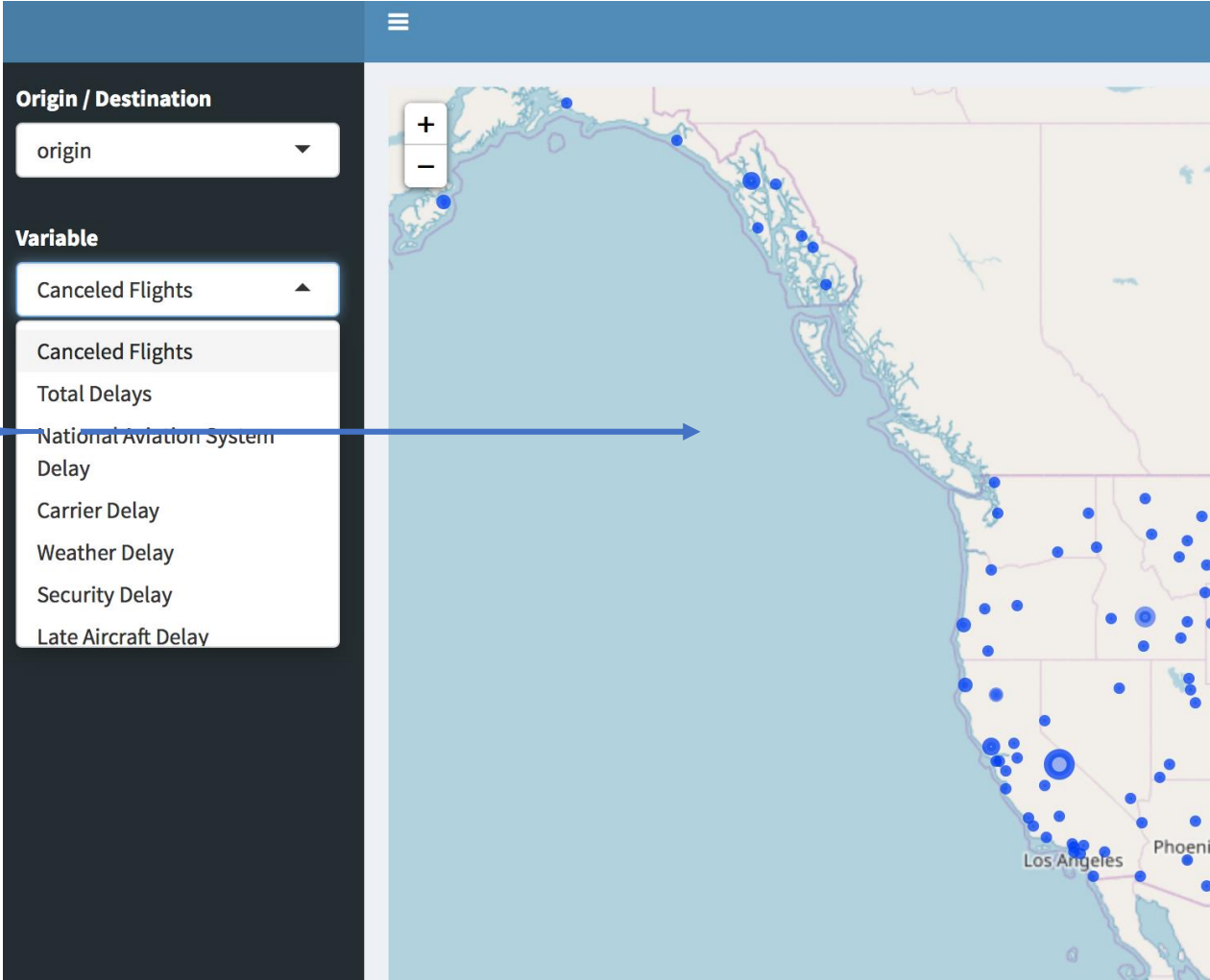
Variable

National Aviation System
Delay





Cancelled Flights by City



New JavaScript Library used in development

```
shinyApp(  
  ui <- dashboardPage(  
    dashboardHeader(),  
    dashboardSidebar(  
      tags$div(title = "This input has a tool tip"),  
      selectInput(inputId = "type",  
        label = "Origin / Destination",  
        choices = unique(map_data$type), selected = "origin"),  
  
      selectInput(inputId = "variable",  
        label = "Variable",  
        choices = vars)  
    ),  
    dashboardBody(  

```

shinyapps.io

≡

Help

Account:

Dashboard

Applications

All

Running

Sleeping

APPLICATIONS / ALL

Search...

Id	Name	Status	Instances	Deployed Date	Created Date
370628	map_app ↗	Running	1	Jun 30, 2018	Jun 30, 2018

⚙

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