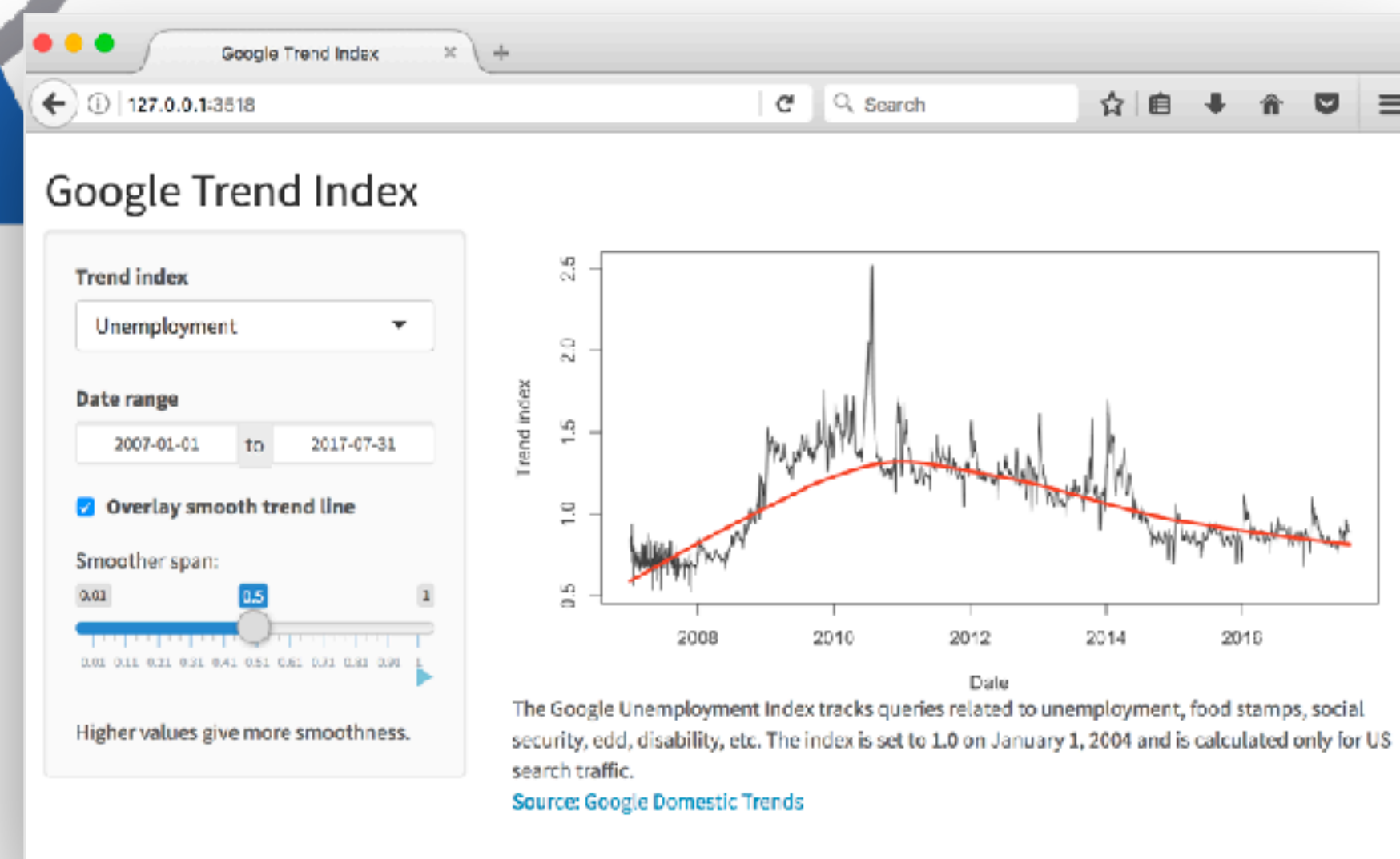




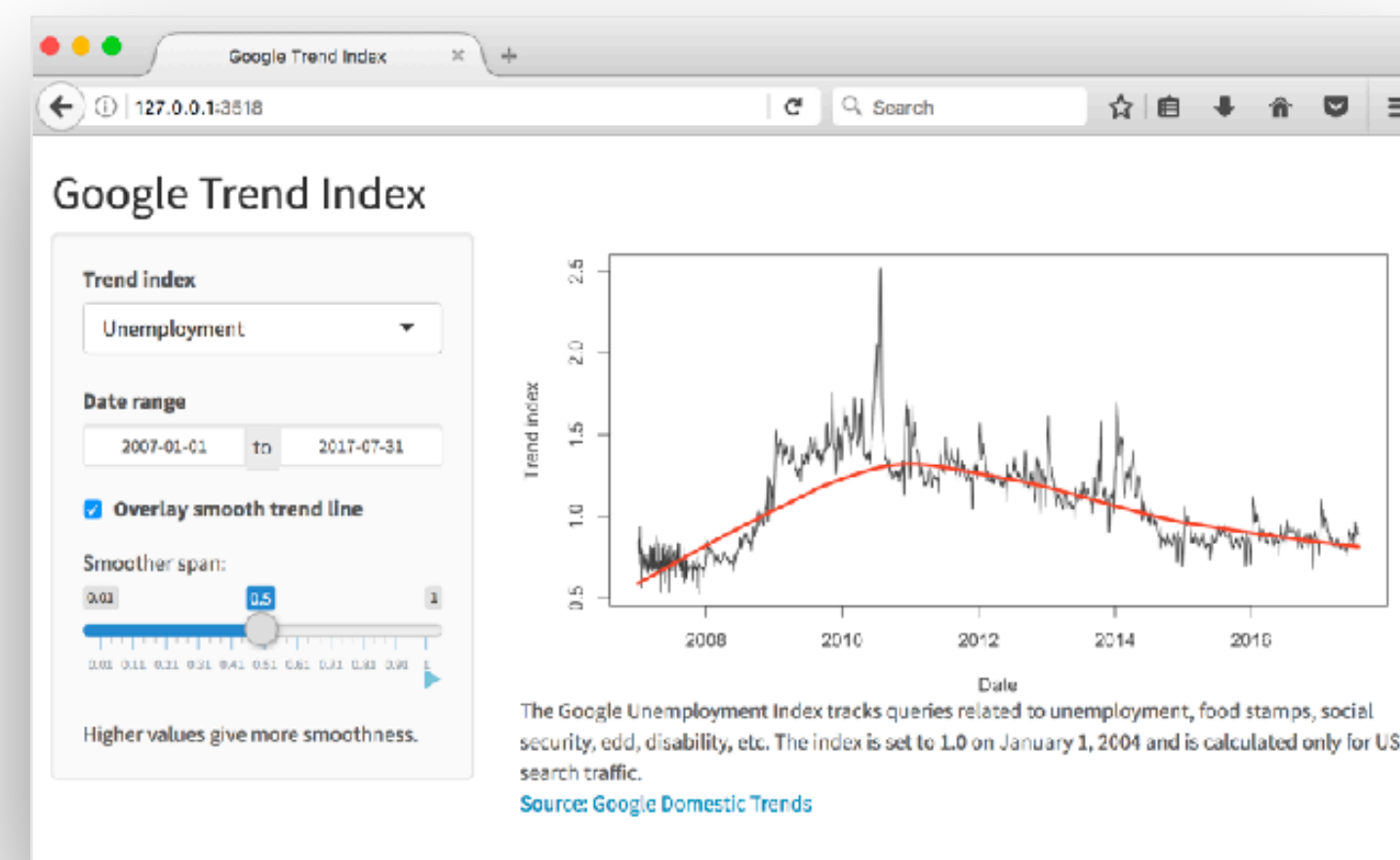
BUILDING WEB APPLICATIONS IN R WITH SHINY

Recap

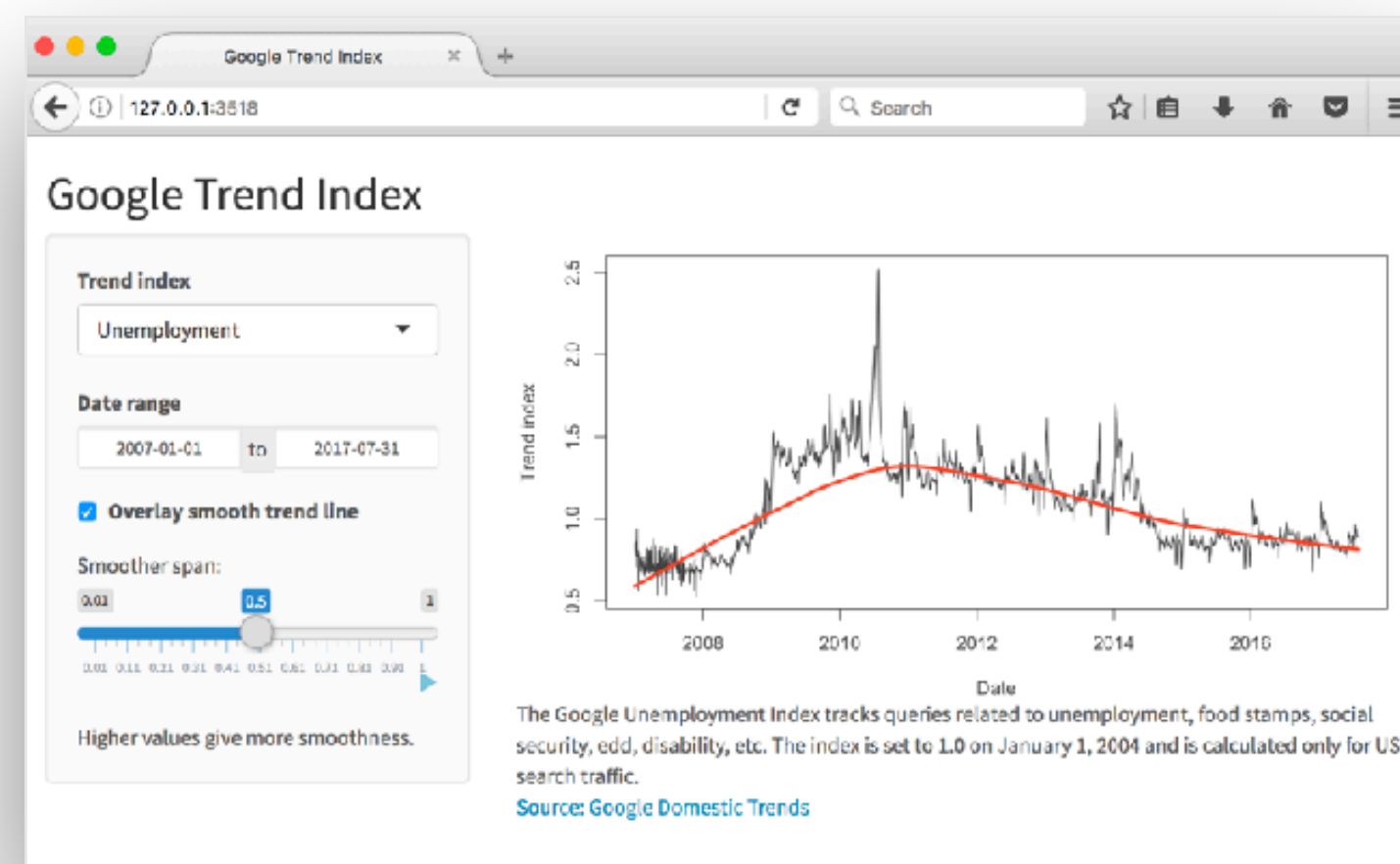
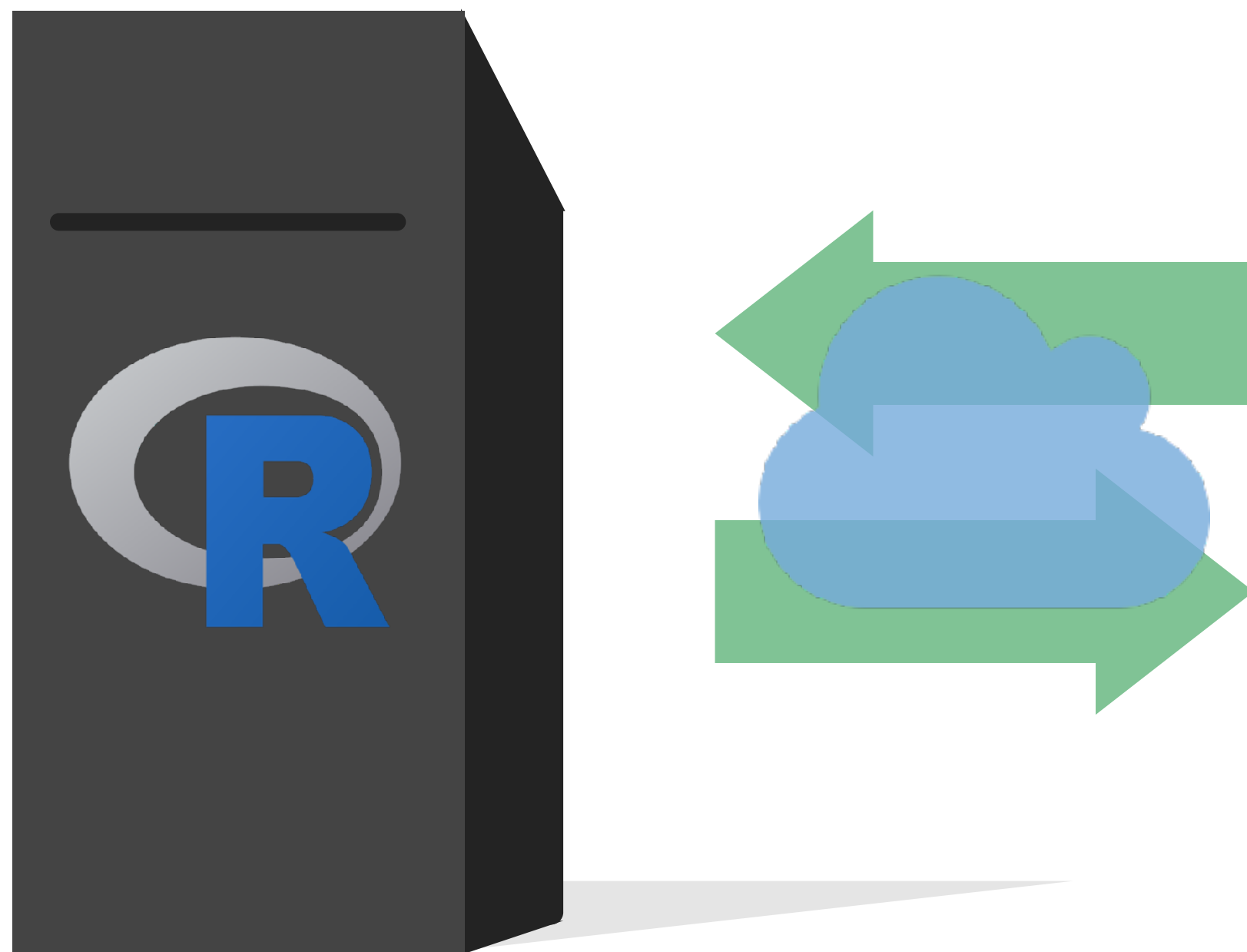
Every Shiny app has a webpage that the user visits,
and behind this webpage there is a computer
that serves this webpage by running R.

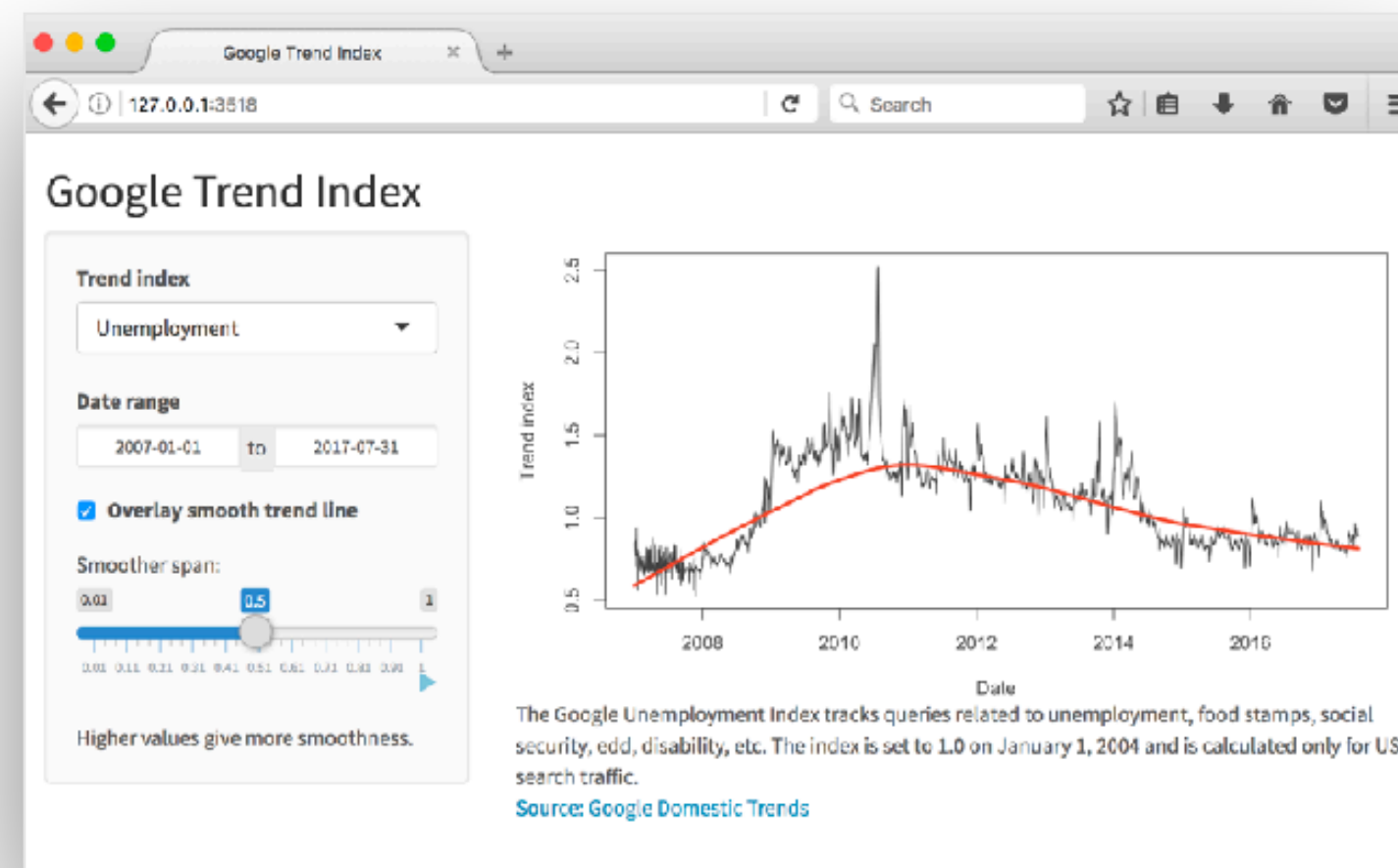


When running your app locally,
the computer serving your app is your computer.



When your app is deployed,
the computer serving your app is a web server.



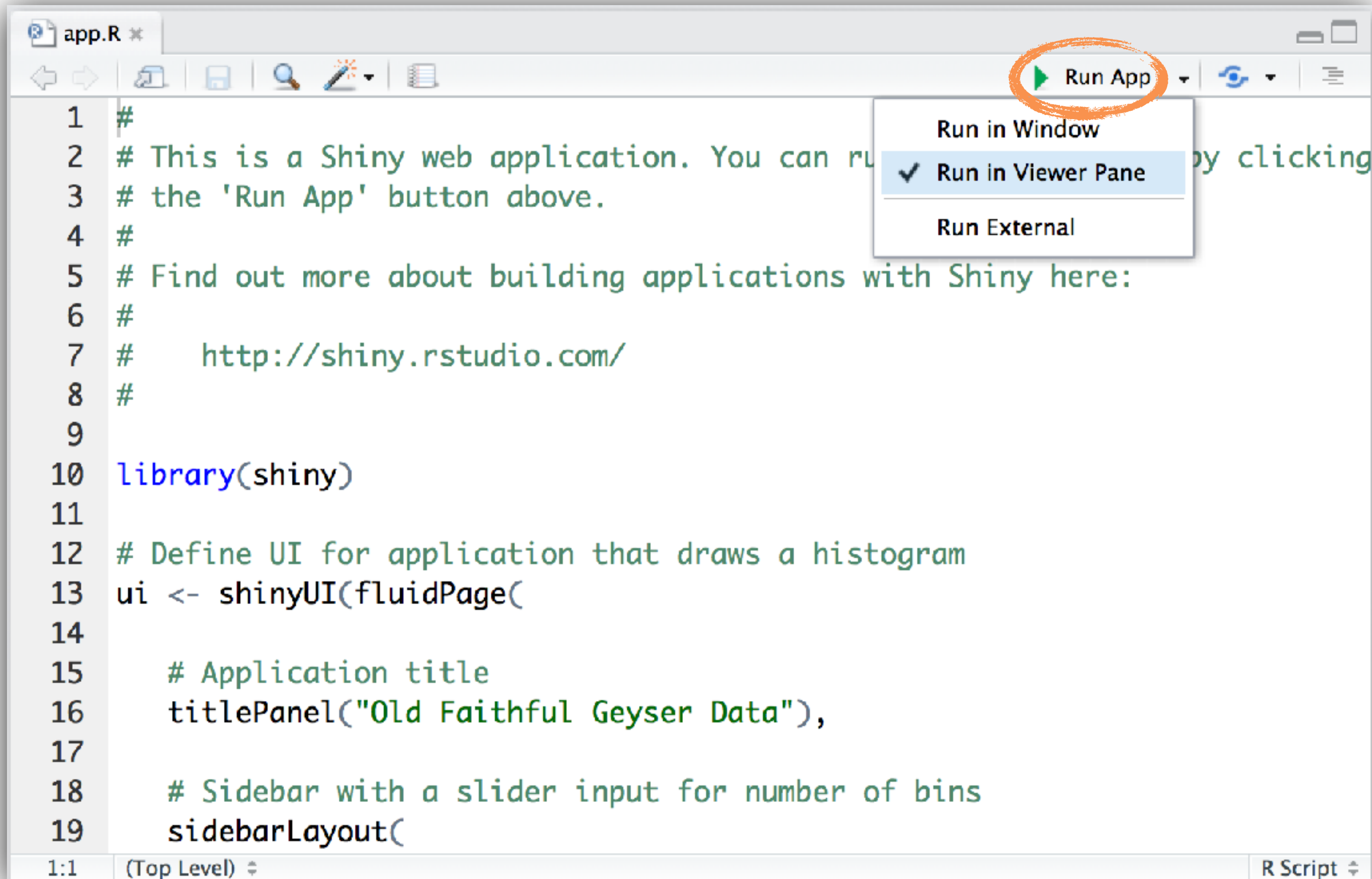


Server instructions



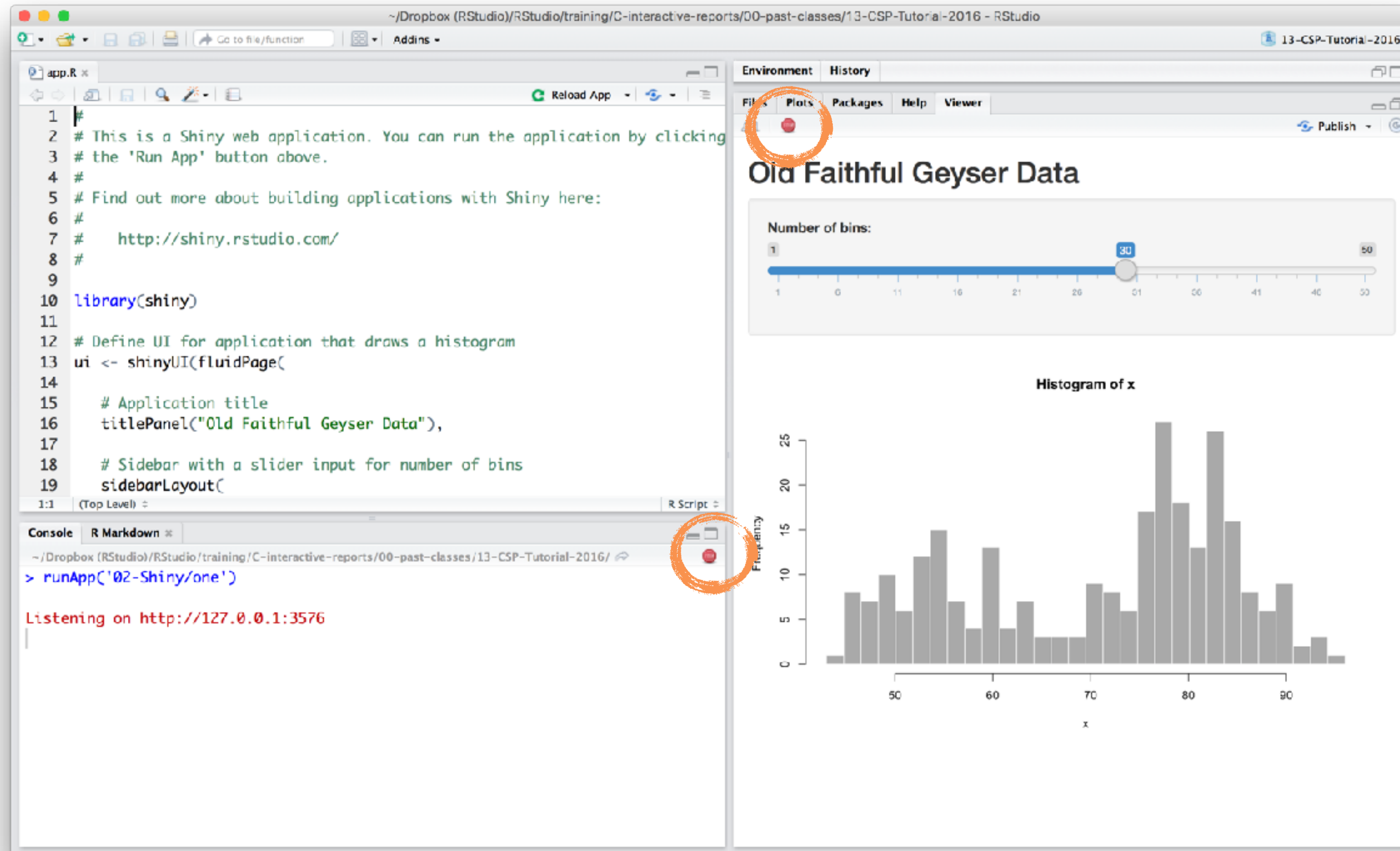
User interface

Change display



```
1 #
2 # This is a Shiny web application. You can run this application by clicking
3 # the 'Run App' button above.
4 #
5 # Find out more about building applications with Shiny here:
6 #
7 #   http://shiny.rstudio.com/
8 #
9
10 library(shiny)
11
12 # Define UI for application that draws a histogram
13 ui <- shinyUI(fluidPage(
14
15   # Application title
16   titlePanel("Old Faithful Geyser Data"),
17
18   # Sidebar with a slider input for number of bins
19   sidebarLayout(
```

Close an app



The screenshot shows the RStudio interface with a Shiny application running. The application is titled "Old Faithful Geyser Data" and displays a histogram of x with a slider for the number of bins. The R console shows the command `runApp('02-Shiny/one')` and the message "Listening on http://127.0.0.1:3576". The "Plots" tab in the top right is highlighted with an orange circle, and the "Run" button in the bottom right is also highlighted with an orange circle.

```
1 #
2 # This is a Shiny web application. You can run the application by clicking
3 # the 'Run App' button above.
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14   # Application title
15   titlePanel("Old Faithful Geyser Data"),
16   # Sidebar with a slider input for number of bins
17   sidebarLayout(
18     #
19     #
20   )
21 )
```

Console

```
> runApp('02-Shiny/one')
```

Listening on http://127.0.0.1:3576

Old Faithful Geyser Data

Number of bins:

1 30 50

Histogram of x

Frequency

x



BUILDING WEB APPLICATIONS IN R WITH SHINY

On to the next chapter!