BUILDING WEB APPLICATIONS IN R WITH SHINY
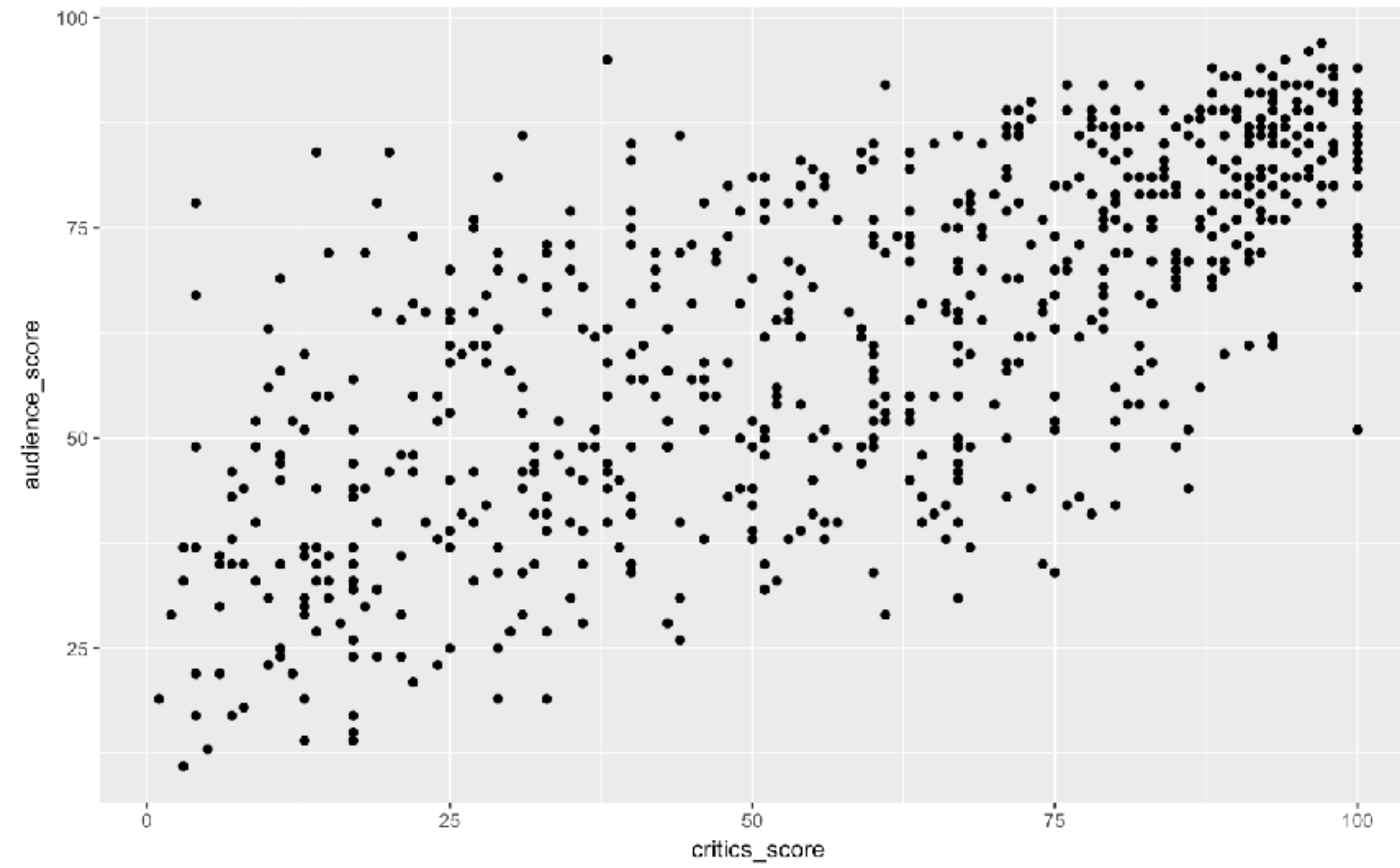
UI outputs

Y-axis:

audience_score

X-axis:

critics_score

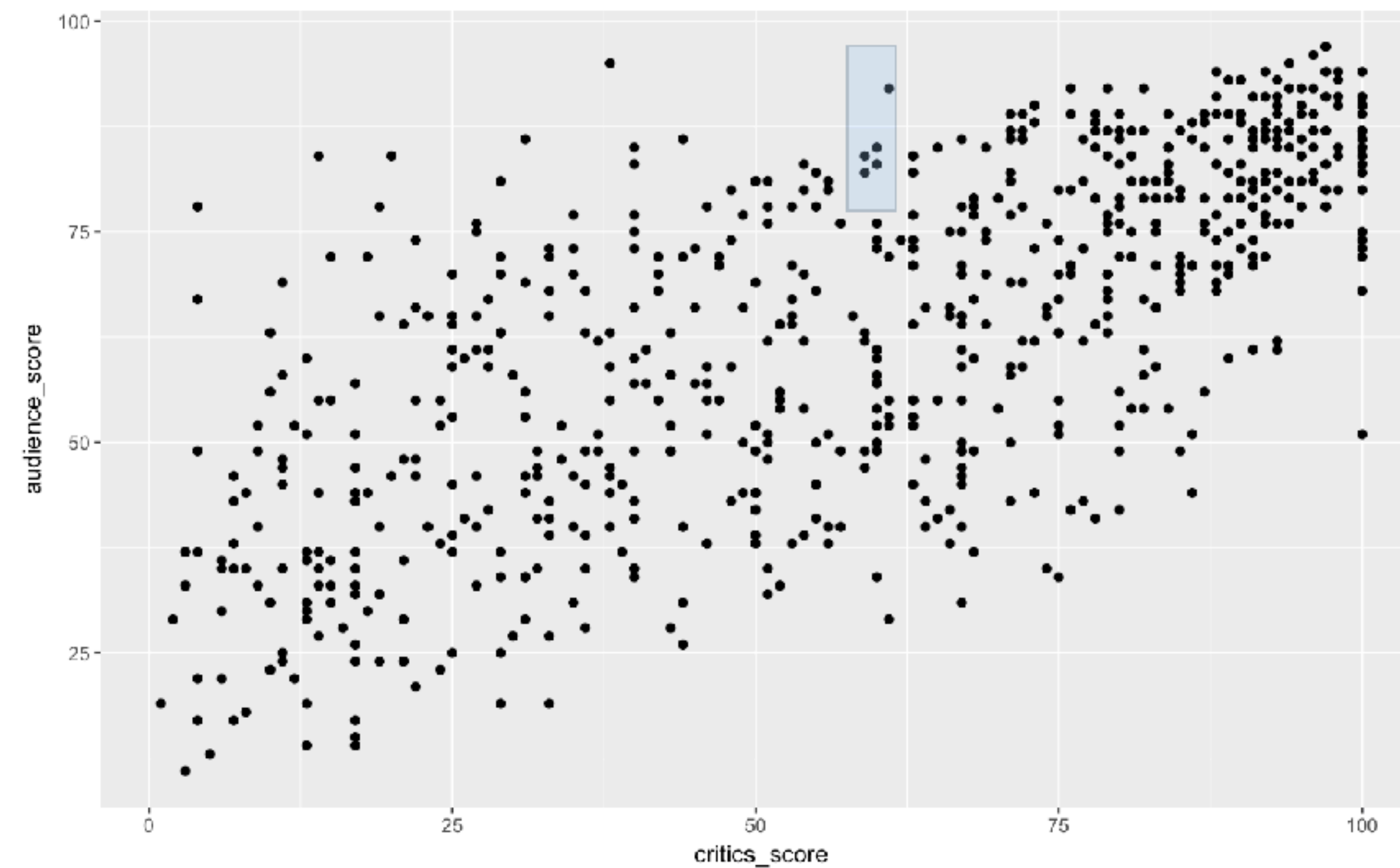**Y-axis:**

audience_score ▾

X-axis:

critics_score ▾

Show 10 ▾ entries   Search: [   ]

	title	audience_score	critics_score
1	The Wood	92	61
2	Gotti	83	60
3	Happy Gilmore	85	60
4	Secondhand Lions	84	59
5	Felon	82	59

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plotOutput

Select points on the plot via brushing, and report the selected points in a data table underneath the plot.

1. **ui:** Add functionality to `plotOutput` to select points via brushing.

2. **ui:** Add an output defining where the data table should appear.

3. **server:** Add a reactive expression that creates the data table for the selected points.

plotOutput

Select points on the plot via brushing, and report the selected points in a data table underneath the plot.

1. **ui:** Add functionality to `plotOutput` to select points via brushing.

```
# Show scatterplot with brushing capability
plotOutput(outputId = "scatterplot", brush = "plot_brush")
```

plotOutput

Select points on the plot via brushing, and report the selected points in a data table underneath the plot.

2. **ui:** Add an output defining where the data table should appear.

```
# Show data table
DT::dataTableOutput(outputId = "moviestable")
```

plotOutput

Select points on the plot via brushing, and report the selected points in a data table underneath the plot.

3. **server:** Add a reactive expression that creates the data table for the selected points.

```r
# Print data table
output$moviestable <- DT::renderDataTable({
  brushedPoints(movies, input$plot_brush) %>%
    select(title, audience_score, critics_score)
})
```

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Let's practice!