Shiny app

```r
downloads <- reactive({
  cranlogs::cran_downloads(input$packages,
    from = Sys.Date() - 365, to = Sys.Date())
})

downloads_rolling <- reactive({
  downloads() %>%
    mutate(count = zoo::rollapply(count, 7, mean, fill = "extend"))
})

output$plot <- renderPlot({
  ggplot(downloads_rolling(), aes(date, count)) +
    geom_line() +
    ggtitle("Seven day rolling average")
})
```

Converting Shiny app to R script

```
downloads <- reactive({
  cranlogs::cran_downloads(input$packages,
    from = Sys.Date() - 365, to = Sys.Date())
})

downloads_rolling <- reactive({
  downloads() %>%
    mutate(count = zoo::rollapply(count, 7, mean, fill = "extend"))
})

output$plot <- renderPlot({
  ggplot(downloads_rolling(), aes(date, count)) +
    geom_line() +
    ggtitle("Seven day rolling average")
})
```