Basics III: Display Information

Methods to Display Information

There are many types of information that can be displayed in the main panel

1. Display a Plot

```
## Below will be in the main panel (user input)
plotOutput("distPlot")

## Below will defined in the server
output$distPlot <- renderPlot({ information about plot })
```

2. Display Text

```
## Below will be in the main panel (user input)
verbatimTextOutput("range")

## Below will defined in the server
output$range <- renderPrint({ input$slider2 })
```

3. Display Multiple Outputs

```
mainPanel(
  plotOutput("distPlot"),
  verbatimTextOutput("range")
)
```

4. Display a Data Table (Fancier Data Frame)

- Run install.packages('DT')
- Create a new R file
- Copy and paste the below code

```
library(DT)
library(shiny)

ui <- basicPage(
  h2("The mtcars data"),
  DTOutput("mytable")
)

server <- function(input, output) {
  output$mytable = renderDT(
    mtcars,
    filter = "top"  ## Allows you to filter the dataframe
  )
}

shinyApp(ui, server)
```