Assignment Course Project Shiny Application and Reproducible Pitch

Chenggong 6/19/2016

Assignment : Course Project Shiny Application and Reproducible Pitch

This is part of developing data products assignment from coursera.

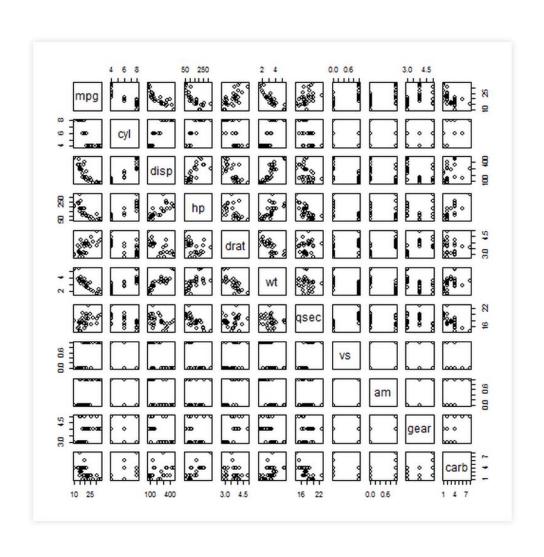
- The project consists in two activities:
 - Create a Shiny application: I used an example from tutorial from rstudio.github.io on shiny on inputs-and-outputs.
 - Create a presentation in Slidify or Rstudio Presenter to pitch for the application.

Slide With Code

summary(mtcars)

```
disp
                    cyl
     mpg
hp
               Min. :4.000
                              Min.
Min. :10.40
                                     : 71.1
Min. : 52.0
1st Qu.:15.43
              1st Qu.:4.000 1st Qu.:120.8
1st Qu.: 96.5
Median :19.20
               Median :6.000
                              Median :196.3
Median :123.0
                              Mean :230.7
Mean :20.09
               Mean :6.188
Mean :146.7
               3rd Qu.:8.000 3rd Qu.:326.0
3rd Qu.:22.80
3rd Qu.:180.0
Max. :33.90
               Max. :8.000
                             Max. :472.0
Max. :335.0
     drat
                     wt
                                   qsec
VS
```

Slide With Plot



Tutorial: Building 'Shiny'

- I used a simple example from Applications with R Shiny on GitHub. This is just for demonstrating the steps for assignment.
- Here is the apps: https://vinput.shinyapps.io/AssignmentCourseProjectVP/
- Graph will show Miles Per Gallon by default with pull down for Cylinders, Transmission and Grear with a radial button for Show outliers
 - ref:rstudio github tutorials.