Shiny Application and Reproducible Pitch

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Shiny Application | Analysis | Code | More Data Detail | Github

The relationship between variables and miles per gallon (MPG)

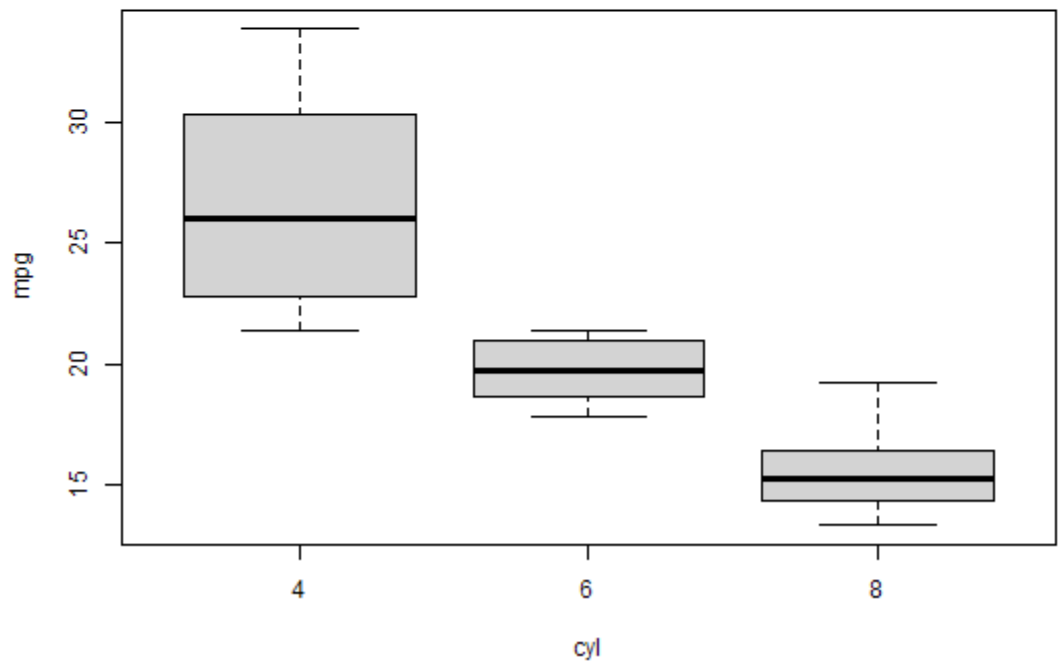
Variable:

Number of cylinders

☐ Show BoxPlot's outliers

mpg ~ cyl

BoxPlot | Regression model



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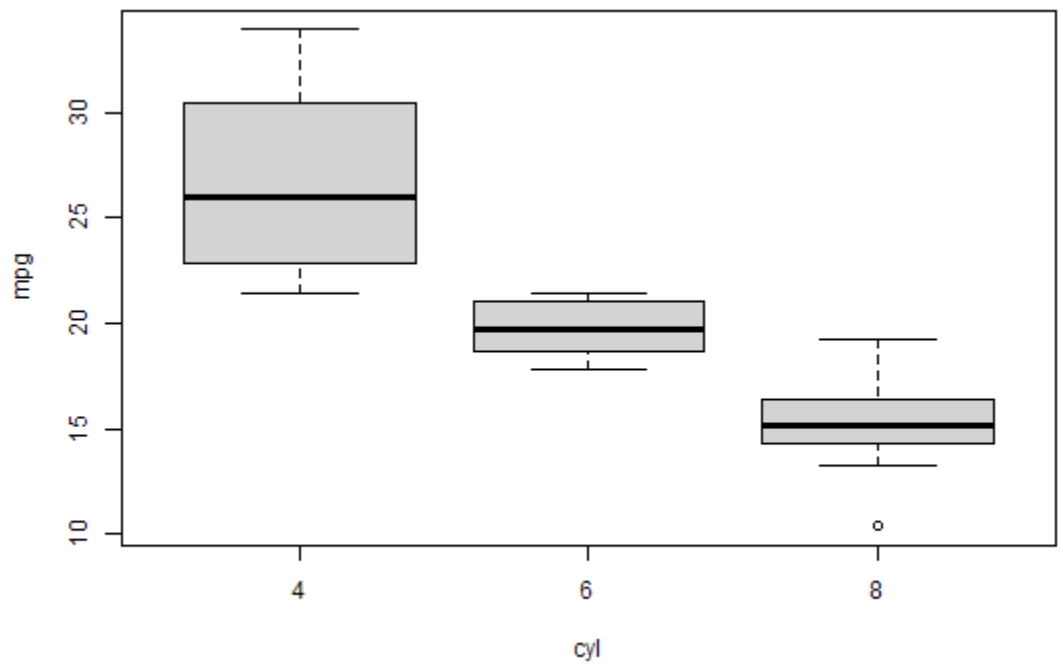

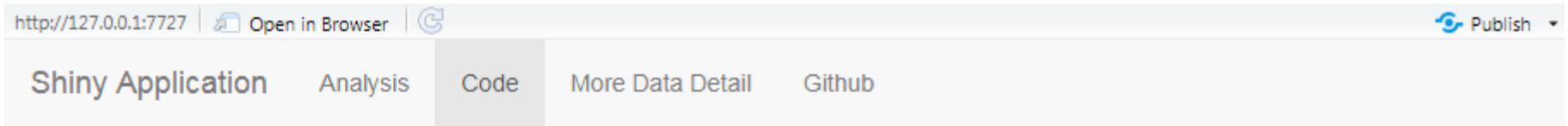

Coursera Project

Regression Models Course Project

You work for Motor Trend, a magazine about the automobile industry Looking at a data set of a collection of cars, they are interested in exploring the relationship between a set of variables and miles per gallon (MPG) (outcome). They are particularly interested in the following two questions: Is an automatic or manual transmission better for MPG. Quantify the MPG difference between automatic and manual transmissions

A data frame with 32 observations on 11 variables.

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Motor Trend Car Road Tests

Description

The data was extracted from the 1974 Motor Trend US magazine, and comprises fuel consumption and 10 aspects of automobile design and performance for 32 automobiles (1973–74 models).

Format

A data frame with 32 observations on 11 variables.

[, 1] mpg Miles/(US) gallon

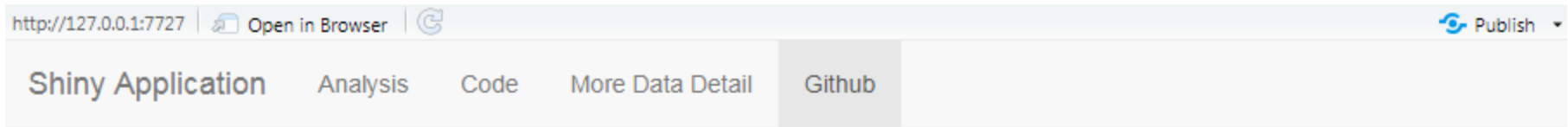
[, 2] cyl Number of cylinders

[, 3] disp Displacement (cu.in.)

[, 4] hp Gross horsepower

Source

Henderson and Velleman (1981), Building multiple regression models interactively. Biometrics, 37, 391–411.



Shiny App

Test DataProducts