Bellevue University
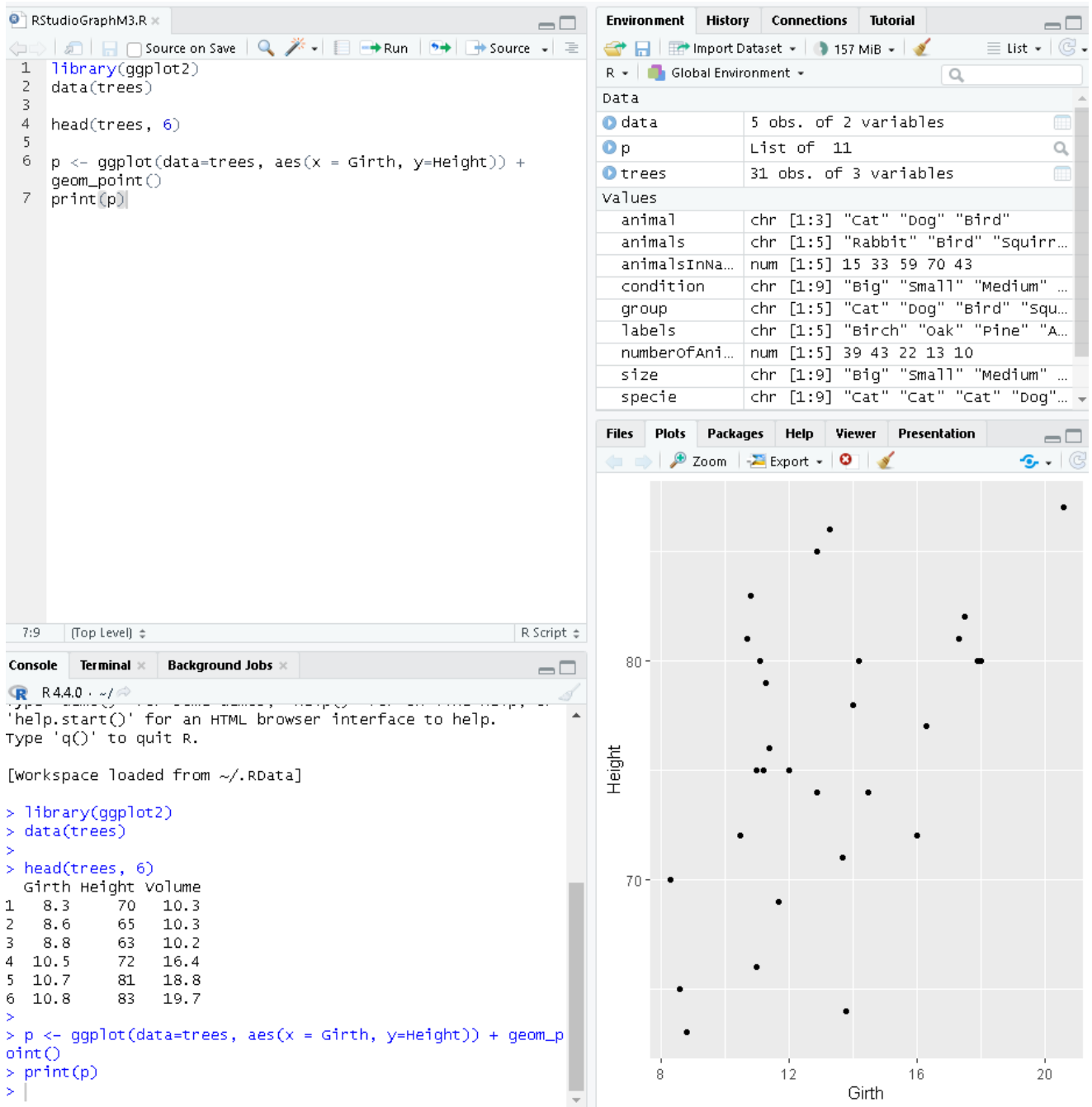
M5 – Graphing
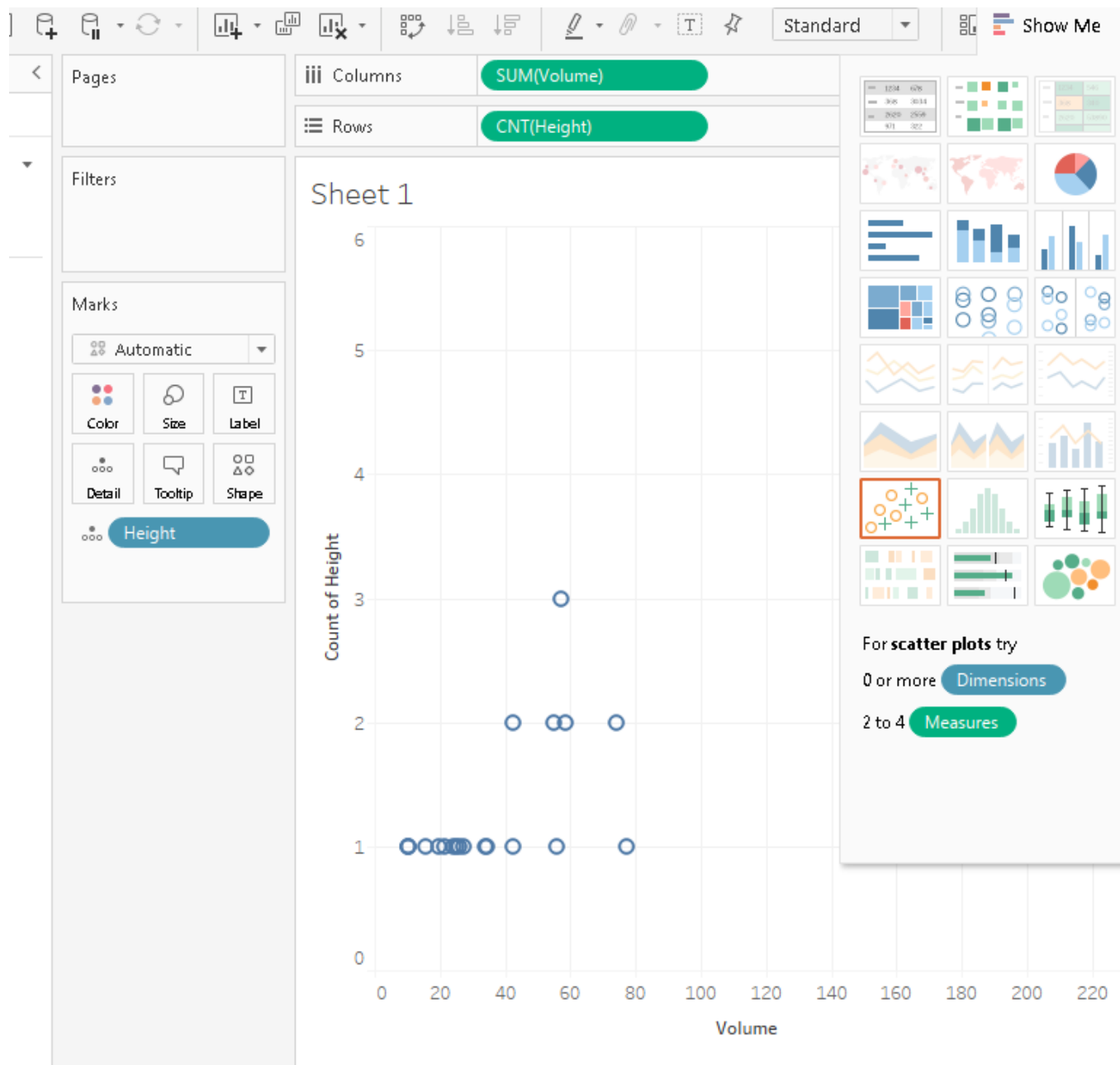
Timothy Jelinek

DSC310-T301
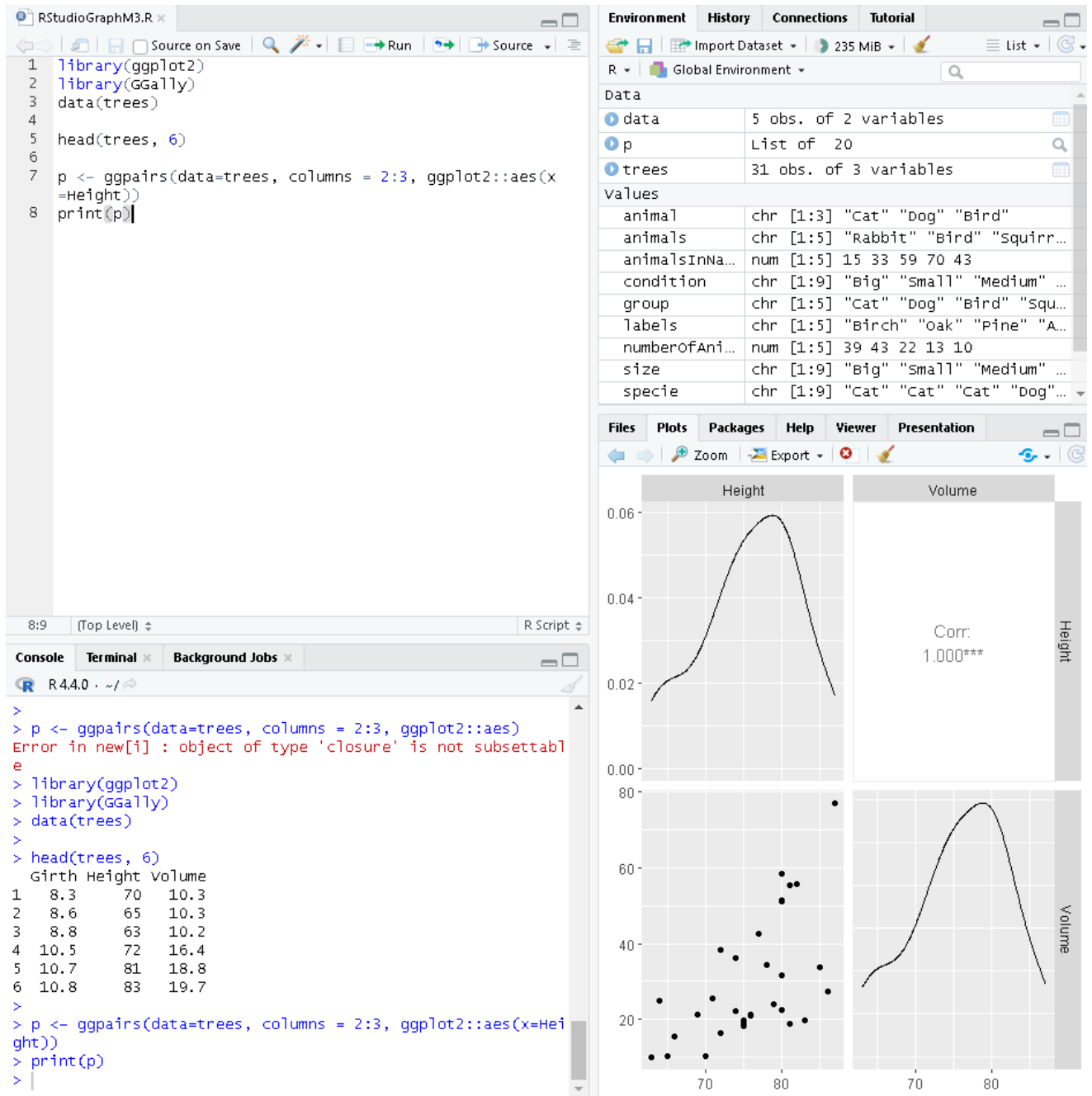
7/3/2024

Scatterplot

Correlogram

Slope Graph

```r
library(ggplot2)
library(GGally)
library(CGPfunctions)

cars_subset <- mtcars[1:8, ]

lab1974 <- paste(cars_subset$car, cars_subset$mpg, sep = ",")
lab1976 <- paste(cars_subset$mpg, cars_subset$car, sep = ",")

p <- ggplot(cars_subset) +
  geom_segment(aes(x = 0, xend = 1, y = mpg, yend = mpg), size = 0.5) +
  geom_text(aes(x = 1.1, y = mpg, label = lab1974), hjust = 0) +
  geom_text(aes(x = -0.1, y = mpg, label = lab1976), hjust = 1) +
  ggtitle("Miles Per Gallon (mpg) Comparison, 1974 vs. 1976") +
  theme_minimal()

print(p)
```