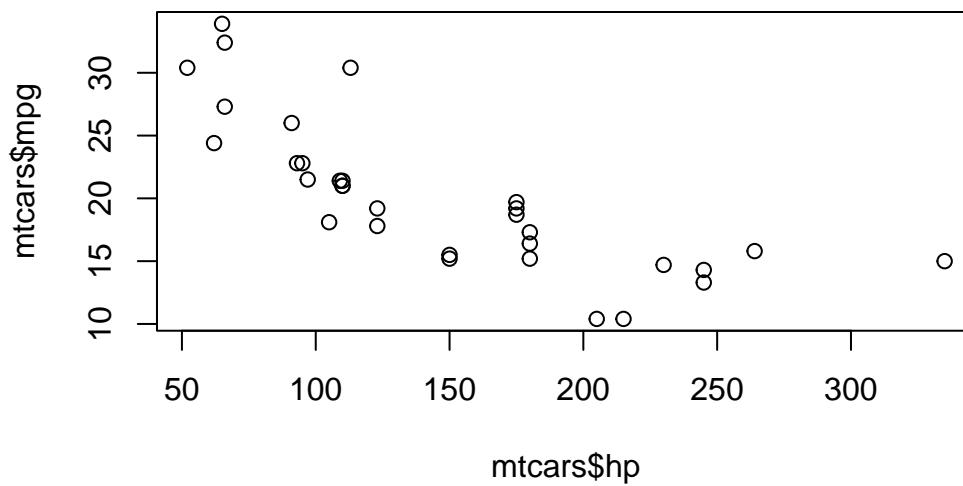# Check-in 1: R Markdown

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Feb 9, 2024

1. This is a code chunk that opens the `mtcars` dataset, which contains information about on 32 cars from a 1974 issue of the magazine *Motor Trend* and creates a scatter plot with horsepower `hp` on the x-axis and miles-per-gallon `mpg` on the y-axis. Try running this code and Rendering/Knitting your Rmd document. If you have done this correctly, RStudio should produce an html document.

```
data(mtcars)
plot(mtcars$hp, mtcars$mpg)
```


01_check_in_manzano_jonathan.html

2. Using this scatter plot, describe the relationship between `mpg` and `hp`.

   mpg and hp are observed to have an inverse relationship. When the values of hp are low, the values of mpg are high and vice versa.

3. Create your own code chunk below this question containing the line of code `print("Hello MATH167R!")`. Then Render/Knit your Rmd document. If you have done this correctly, RStudio should produce an html document.

```
print("Hello MATH167R!")
```

```
[1] "Hello MATH167R!"
```

📁 01_check_in_manzano_jonathan_files		
🌐 01_check_in_manzano_jonathan.html	19.8 KB	Feb 2, 2024, 2:12 PM
📄 01_check_in_manzano_jonathan.qmd	1.2 KB	Feb 2, 2024, 2:19 PM
📄 nul	0 B	Dec 31, 1969, 4:00 PM
📕 01_check_in_manzano_jonathan.pdf	32.2 KB	Feb 2, 2024, 2:19 PM