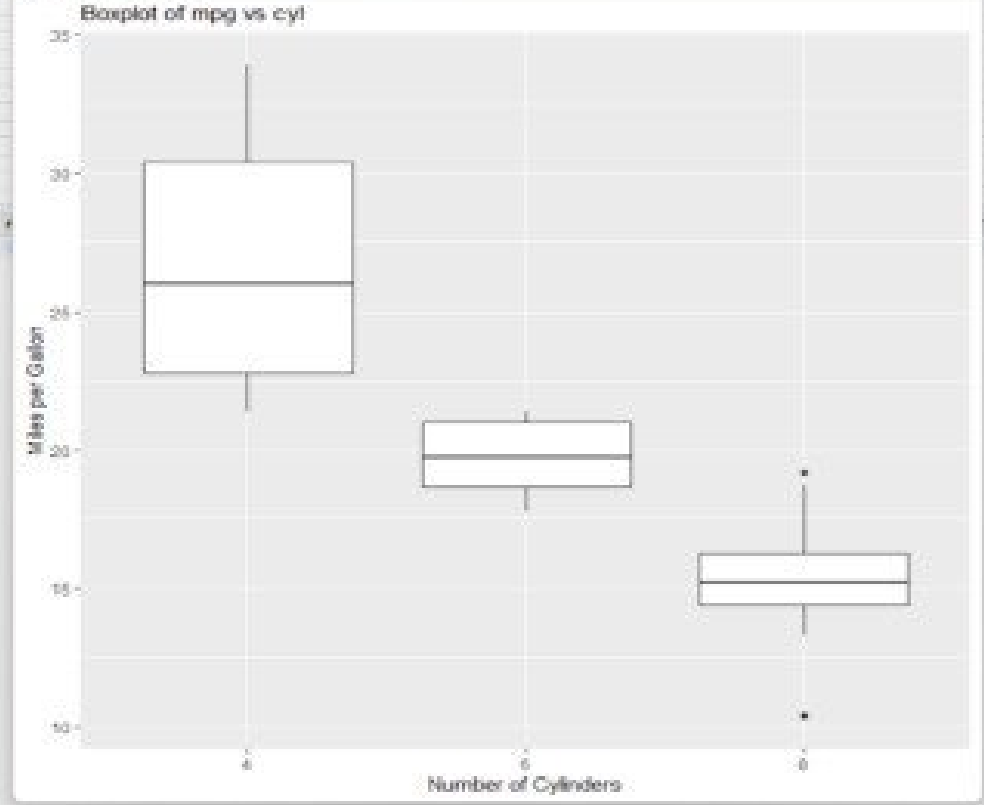
```r
# Load required library
library(ggplot2)

# Load the dataset
data(mtcars)

# Create a boxplot graph
ggplot(mtcars, aes(x = factor(cyl), y = mpg)) +
  geom_boxplot() +
  labs(title = "Boxplot of mpg vs cyl",
       x = "Number of Cylinders", y = "Miles per Gallon")
```

```
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

[Workspace loaded from ~/.RData]

> # Load required library
warning message:
R graphics engine version 16 is not supported by this version of RStudio. The Plots tab will be disabled until a newer versio
n of RStudio is installed.
> library(ggplot2)
>
> # Load the dataset
> data(mtcars)
>
> # Create a boxplot graph
> ggplot(mtcars, aes(x = factor(cyl), y = mpg)) +
+   geom_boxplot() +
+   labs(title = "Boxplot of mpg vs cyl",
+        x = "Number of Cylinders", y = "Miles per Gallon")
>
```