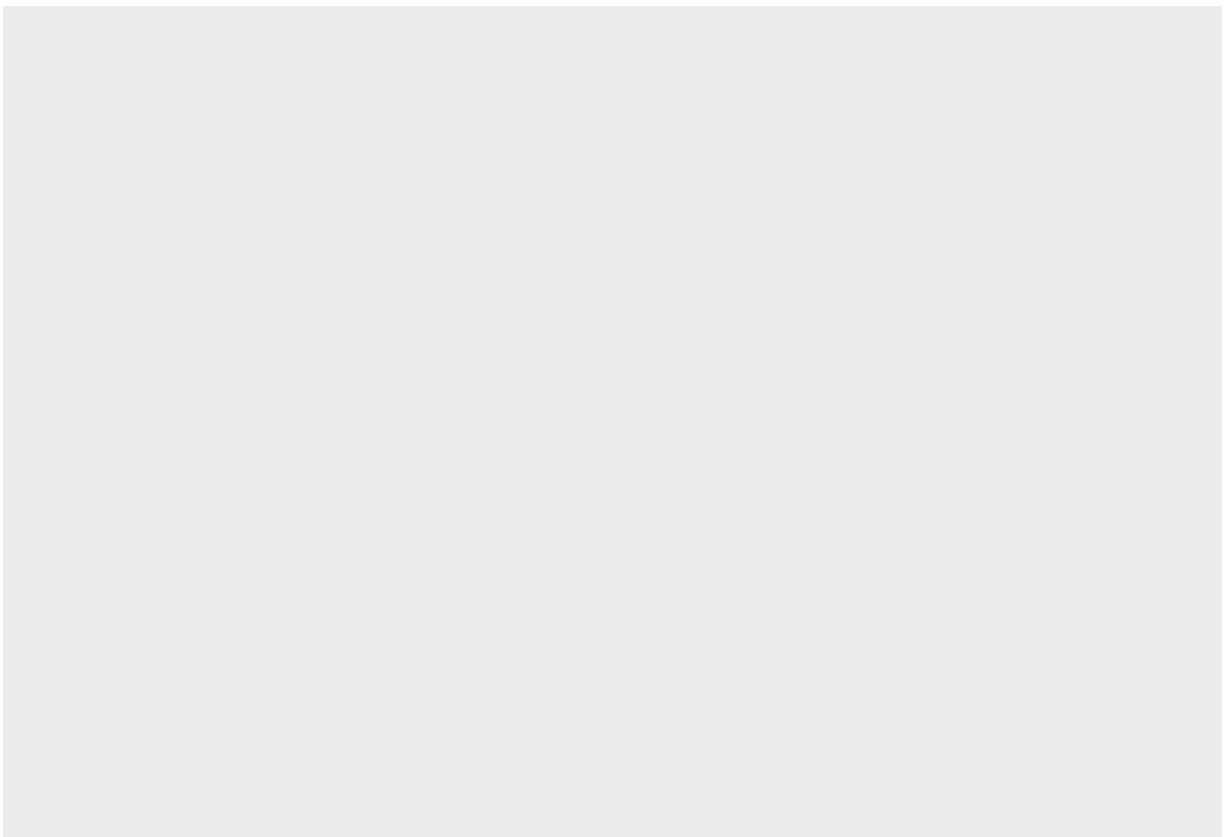


# My First Analysis

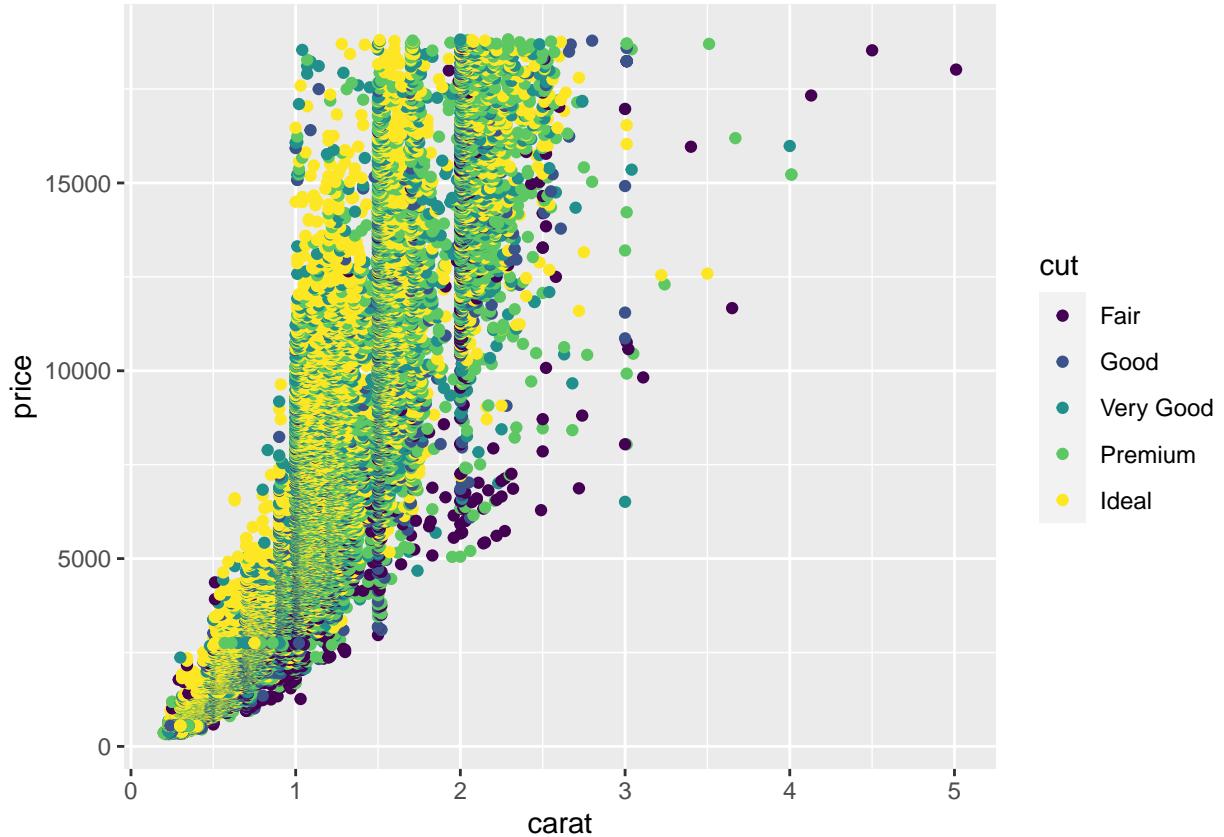
Mayank

2023-09-01

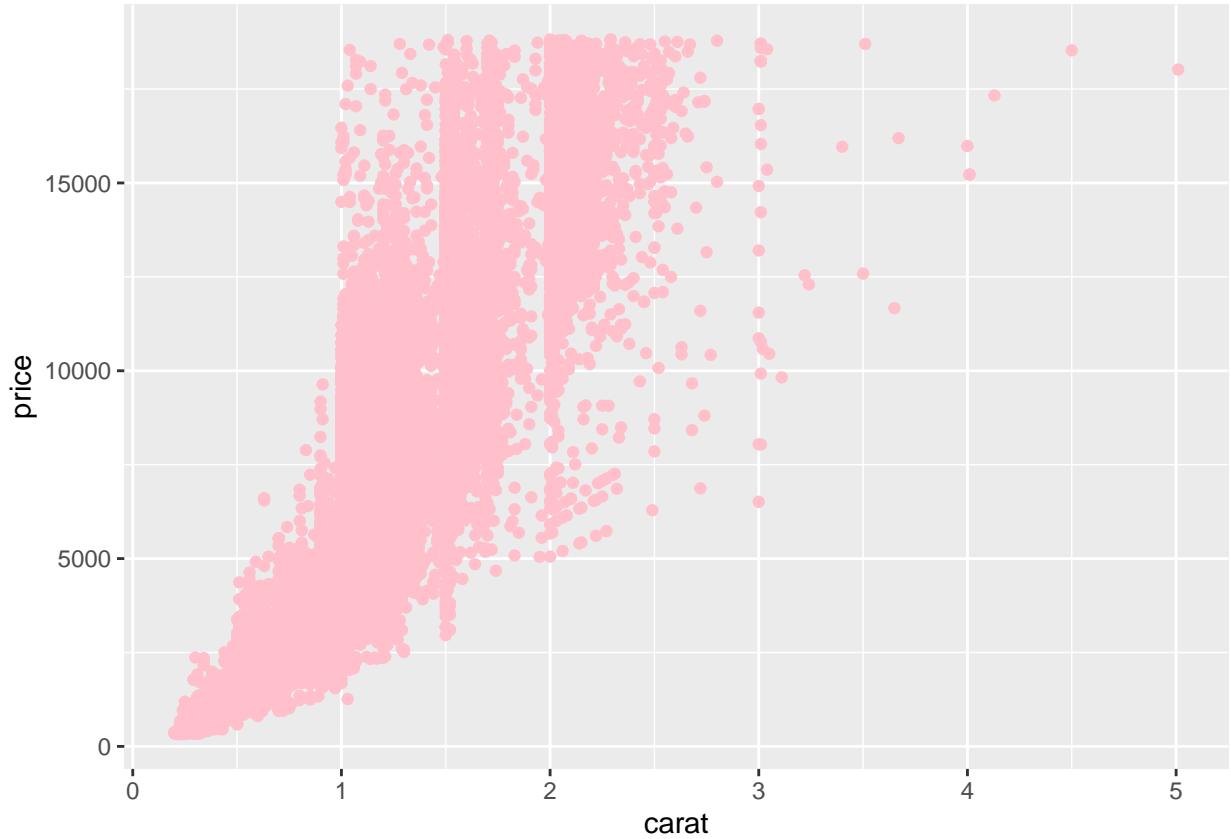
```
## starting httpd help server ... done
```



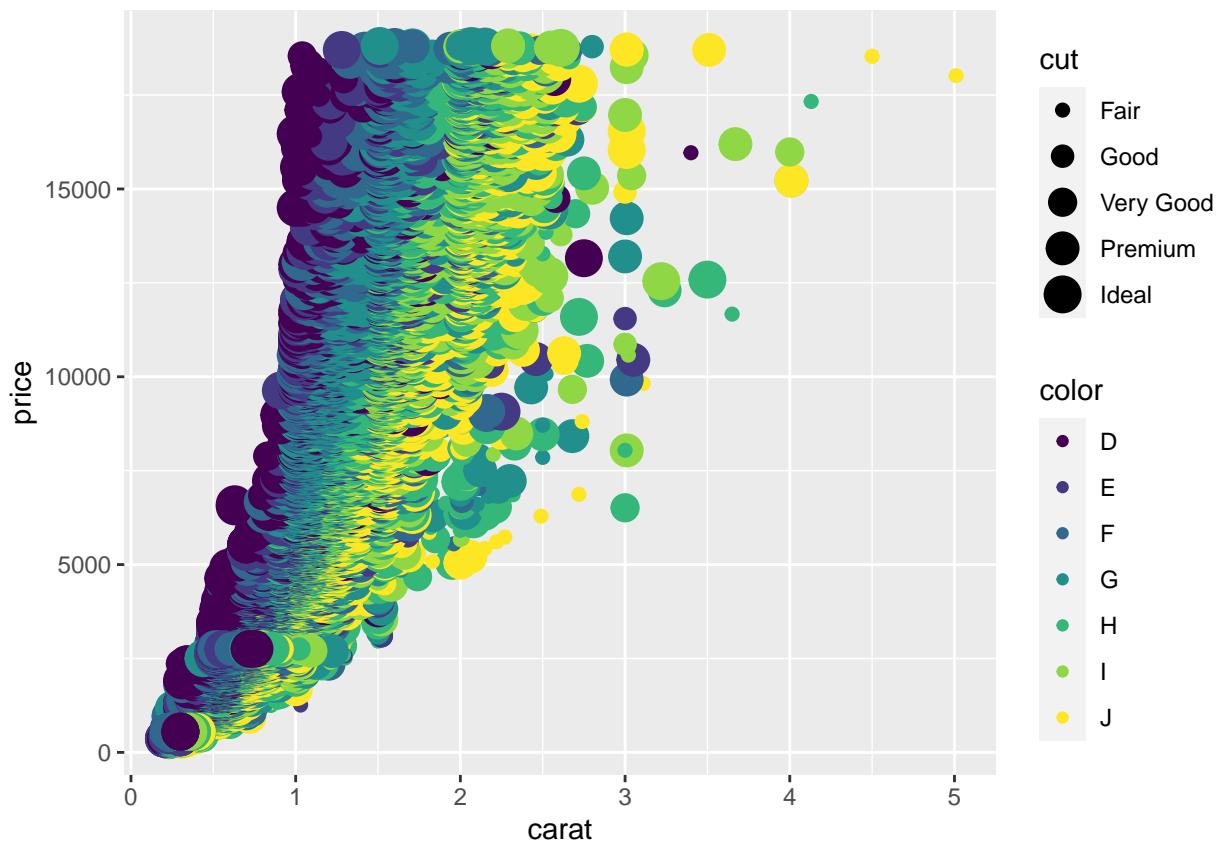
```
ggplot(diamonds)+  
  geom_point(aes(carat, price, colour = cut))
```



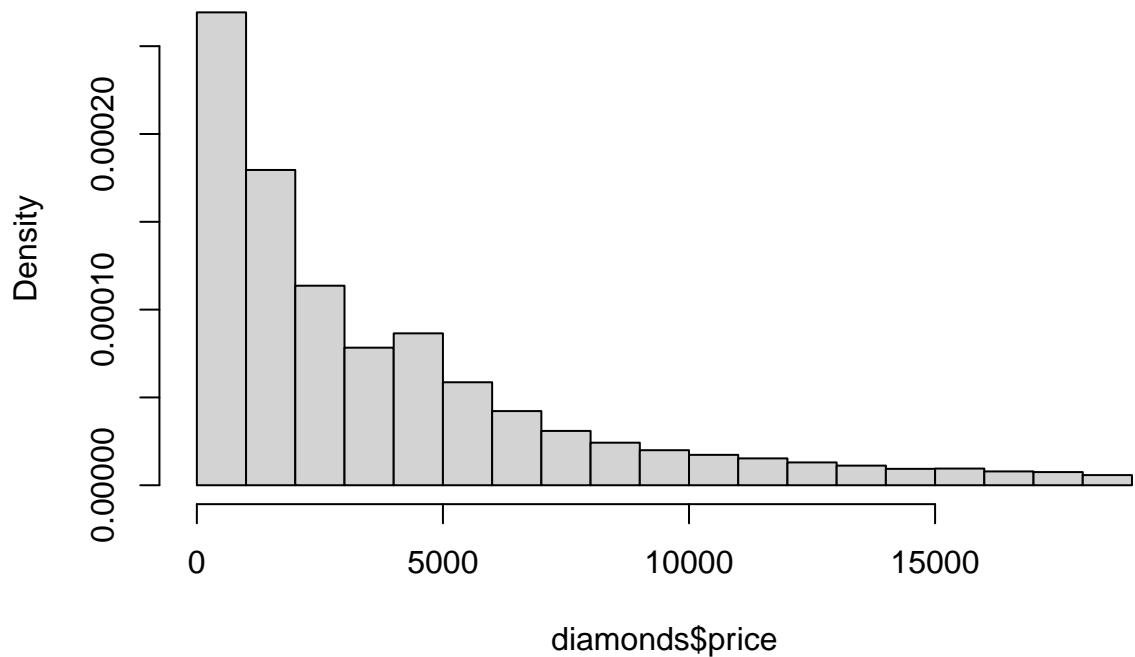
```
ggplot(diamonds)+  
  geom_point(aes(carat,price), colour = "PINK")
```



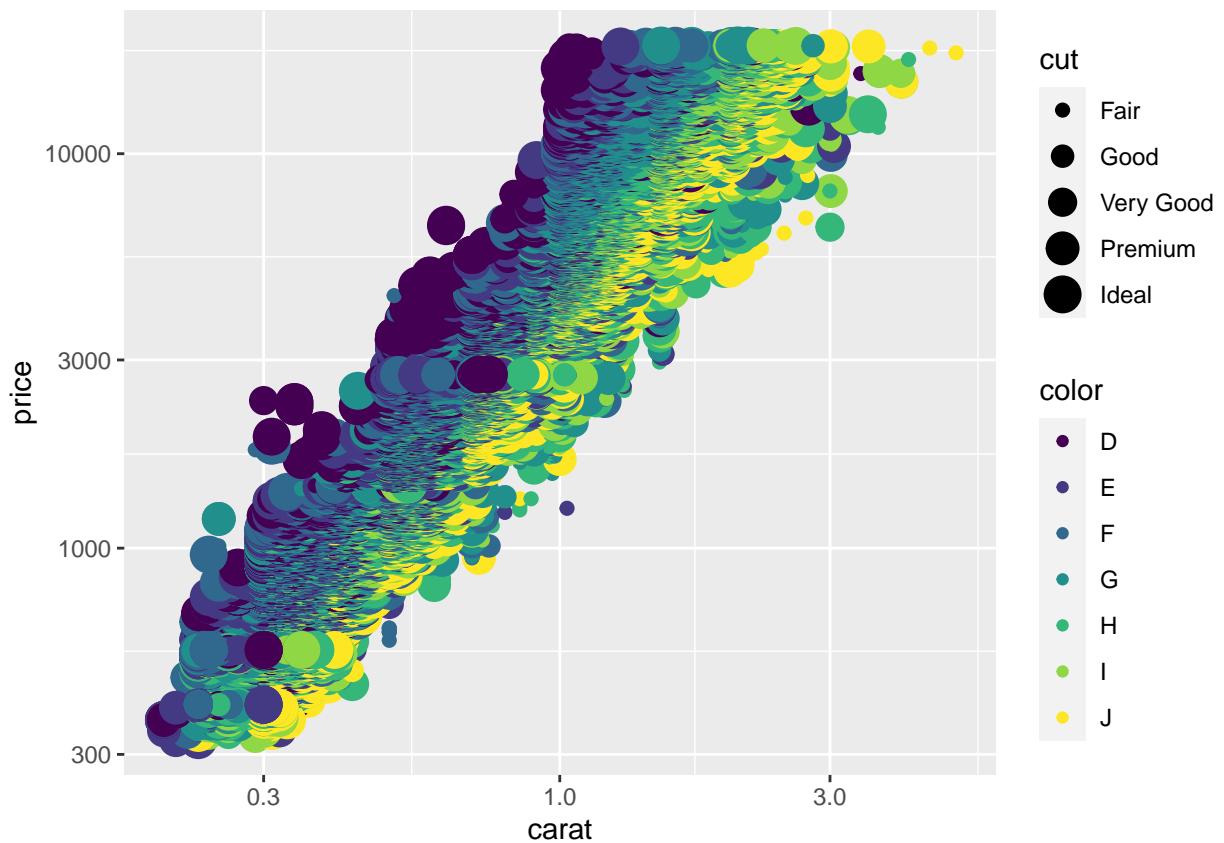
```
ggplot(diamonds)+  
  geom_point(aes(carat,price, colour = color, size = cut))
```



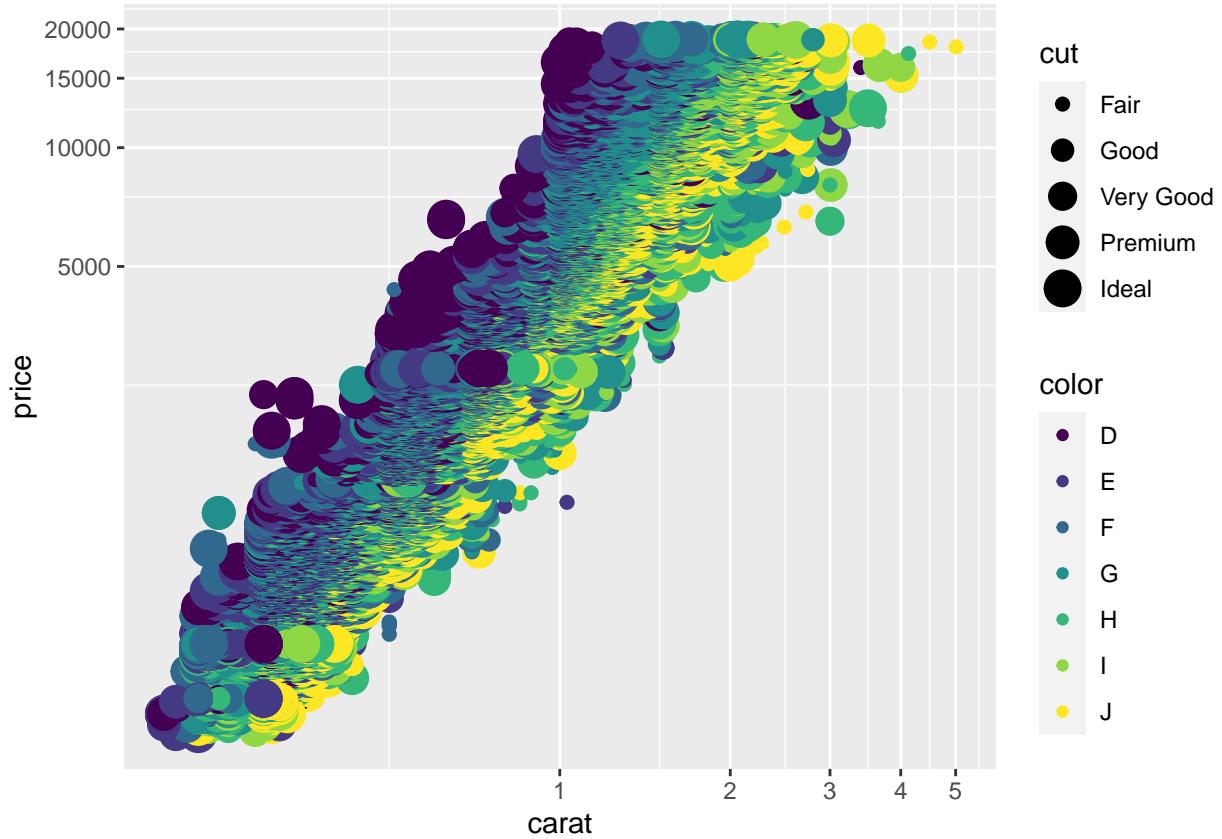
```
hist(diamonds$price,probability = T, main="")
```



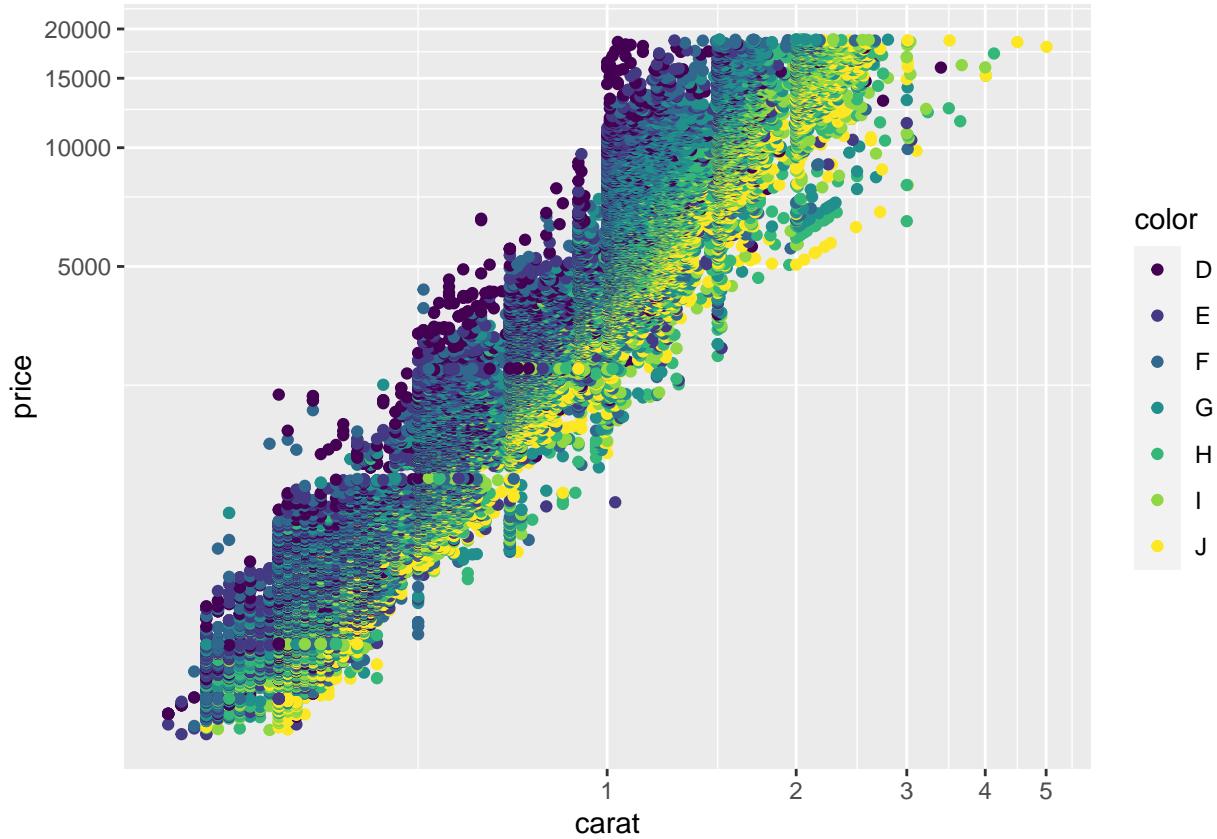
```
ggplot(diamonds)+  
  geom_point(aes(carat,price, colour = color, size = cut))+  
  scale_x_log10()  
  scale_y_log10()
```



```
ggplot(diamonds)+  
  geom_point(aes(carat,price, colour = color, size = cut))+  
  coord_trans(y="log", x="log")
```



```
ggplot(diamonds)+  
  geom_point(aes(carat,price, colour = color))+  
  coord_trans(y="log", x="log")
```



```
## Abstract
```

## Introduction

### Data Set Description

### Exploratory data analysis

### Conclusion

$$y_i = \alpha_i + \beta_i x, \quad i = 1, 2, 3, \dots, n$$

## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

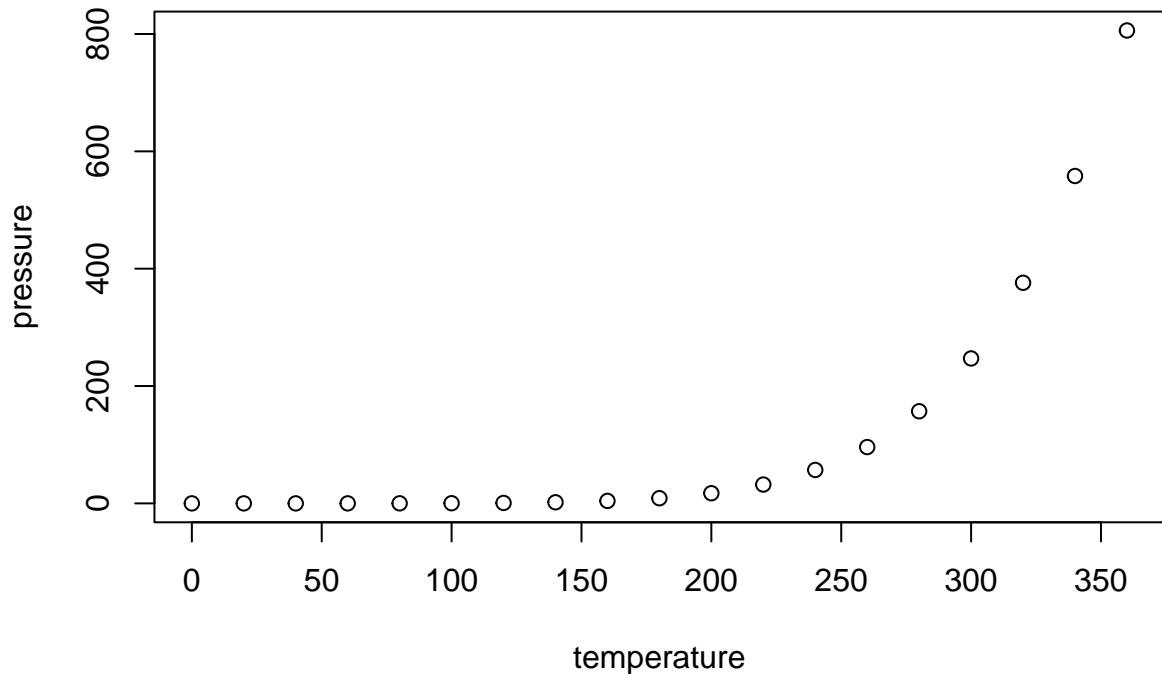
```
summary(cars)
```

```
##      speed      dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.: 12.0  1st Qu.:  4.50
##  Median : 19.0  Median : 12.00
##  3rd Qu.: 24.0  3rd Qu.: 19.00
##  Max.   : 36.0  Max.   : 152.00
```

```
## 1st Qu.:12.0 1st Qu.: 26.00
## Median :15.0 Median : 36.00
## Mean   :15.4 Mean   : 42.98
## 3rd Qu.:19.0 3rd Qu.: 56.00
## Max.   :25.0 Max.   :120.00
```

## Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.