test

2023-09-28

```
library("readr")
```

```
survey<-read_csv("test.csv")
```

```
## Rows: 39 Columns: 15
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (15): Please enter your name, Please enter your email., Please enter the...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

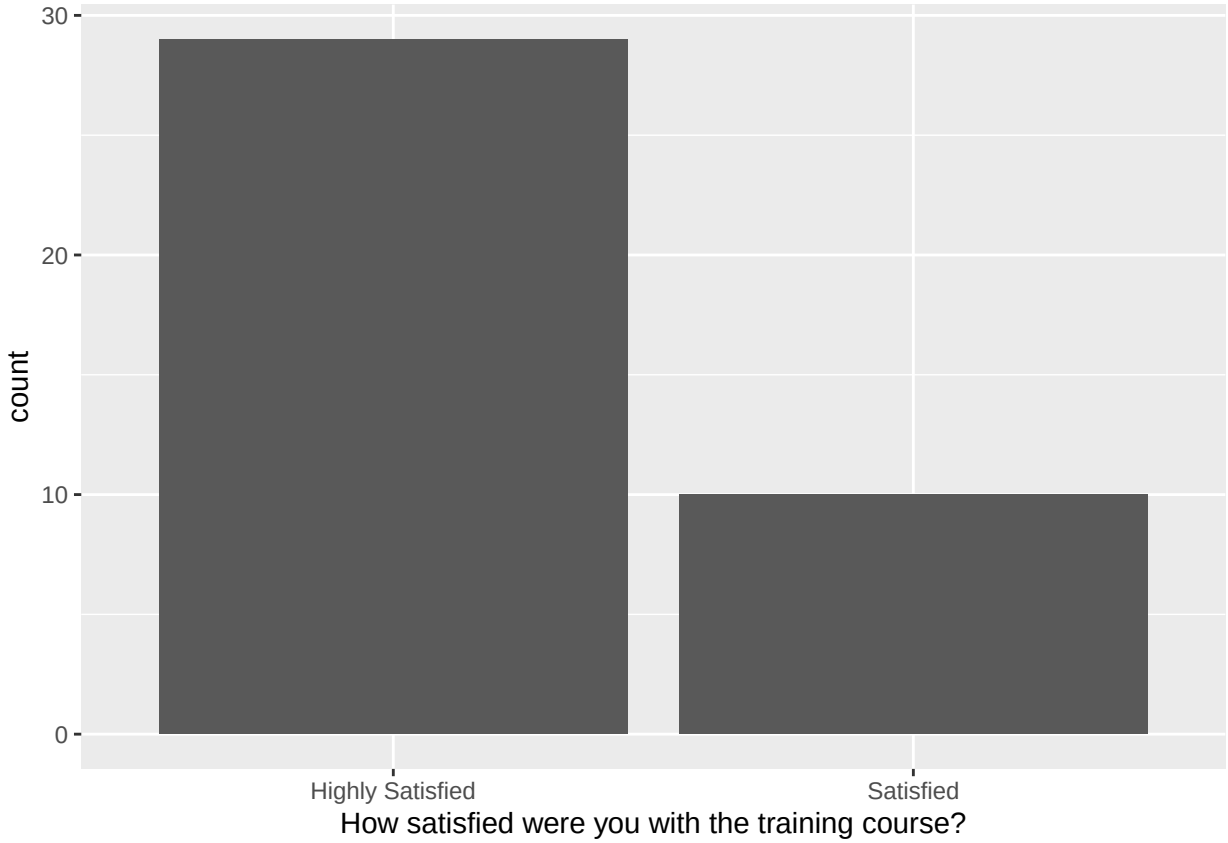
```
survey2 <- read_csv("test.csv",
  col_types = list(
    "How satisfied were you with the training course?" = col_factor(levels = c("Highly Satisfied", "Sati
  ))
```

```
library(ggplot2)
```

```
graphpretty<-ggplot(data=survey2)+geom_bar(mapping=aes(x=`How satisfied were you with the training cours
ggsave("graphpretty.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

```
graphpretty
```



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.

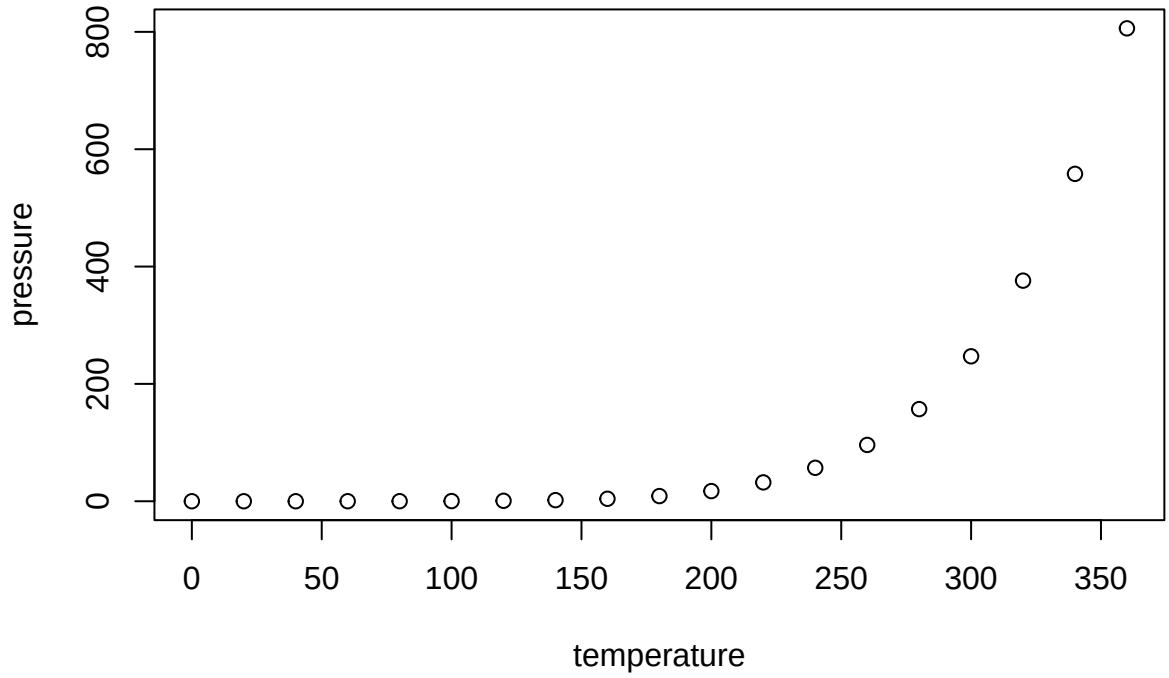
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed           dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.:12.0   1st Qu.: 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.

```
survey2 <- read_csv("test.csv",
  col_types = list(
    "How relevant was the course content to your professional needs?" = col_factor(levels = c("Highly R
  ))
```

```
survey2 <- read_csv("test.csv",
  col_types = list(
    "How would you rate the instructor's effectiveness in delivering the content?" = col_factor(levels =
  ))
```

```
survey2 <- read_csv("test.csv",
  col_types = list(
    "Please indicate how much you agree with the following statement: I have a good understanding of the
  ))
```

```
survey2 <- read_csv("test.csv",
  col_types = list(
    "How confident do you feel about applying what you learned?" = col_factor(levels = c("Very Confident
  ))
```

```
survey2 <- read_csv("test.csv",
  col_types = list(
```

```
    "How conducive to your learning were the Guided Programming Practices?" = col_factor(levels = c("Ve
  ))
```

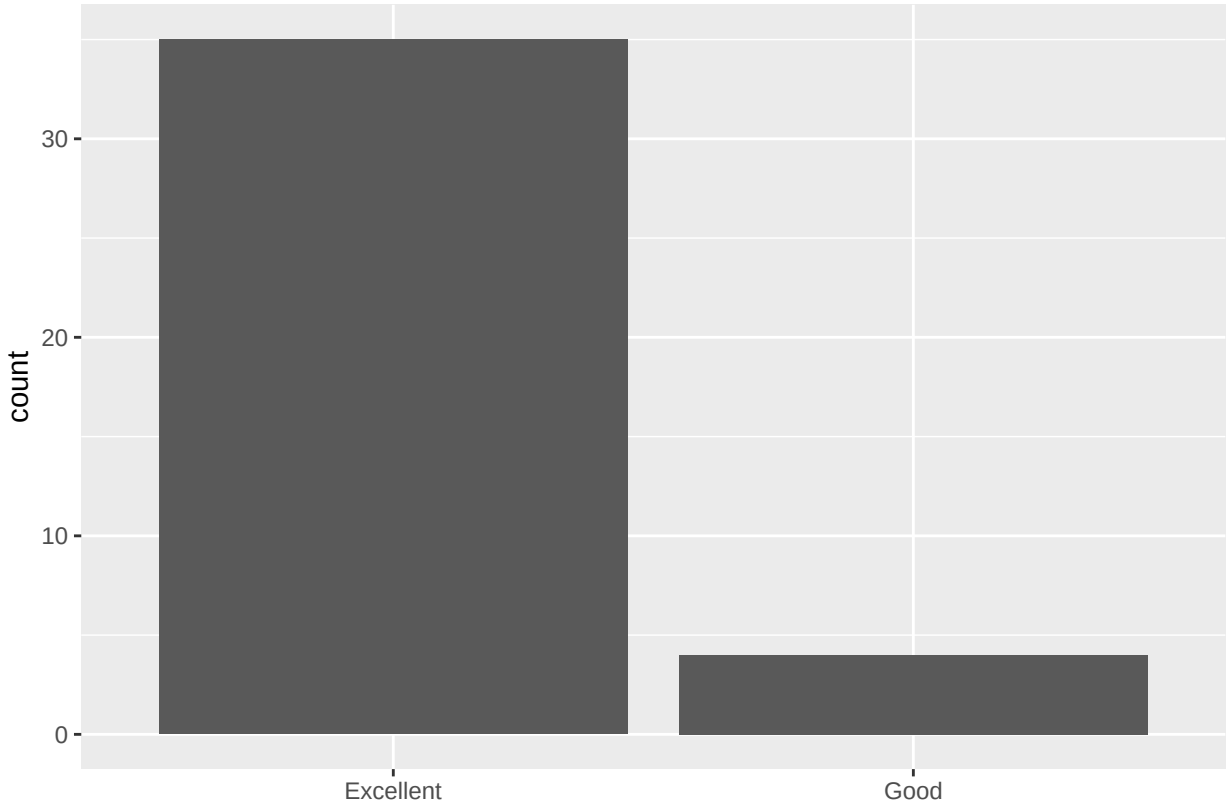
```
survey2 <- read_csv("test.csv",
  col_types = list(
    "How conducive to your learning were the Guided Programming Practices?" = col_factor(levels = c("Ve
  ))
```

```
survey2 <- read_csv("test.csv",
  col_types = list(
    "How likely are you to apply the skills learned in your work?" = col_factor(levels = c("Very Likely
  ))
```

```
grapheffective<-ggplot(data=survey2)+geom_bar(mapping=aes(x=`How would you rate the instructor's effecti
ggsave("grapheffective.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

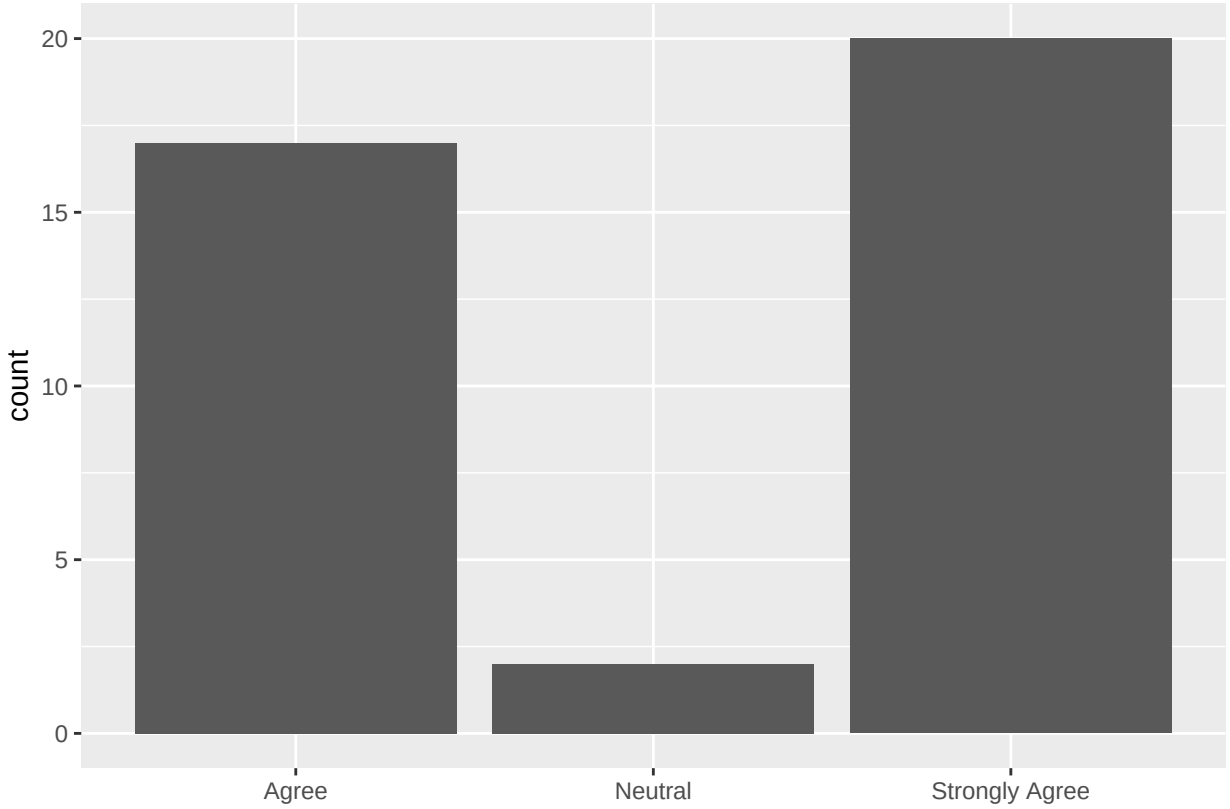
```
grapheffective
```




```
graphunderstand<-ggplot(data=survey2)+geom_bar(mapping=aes(x=`Please indicate how much you agree with t
ggsave("graphunderstand.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

```
graphunderstand
```

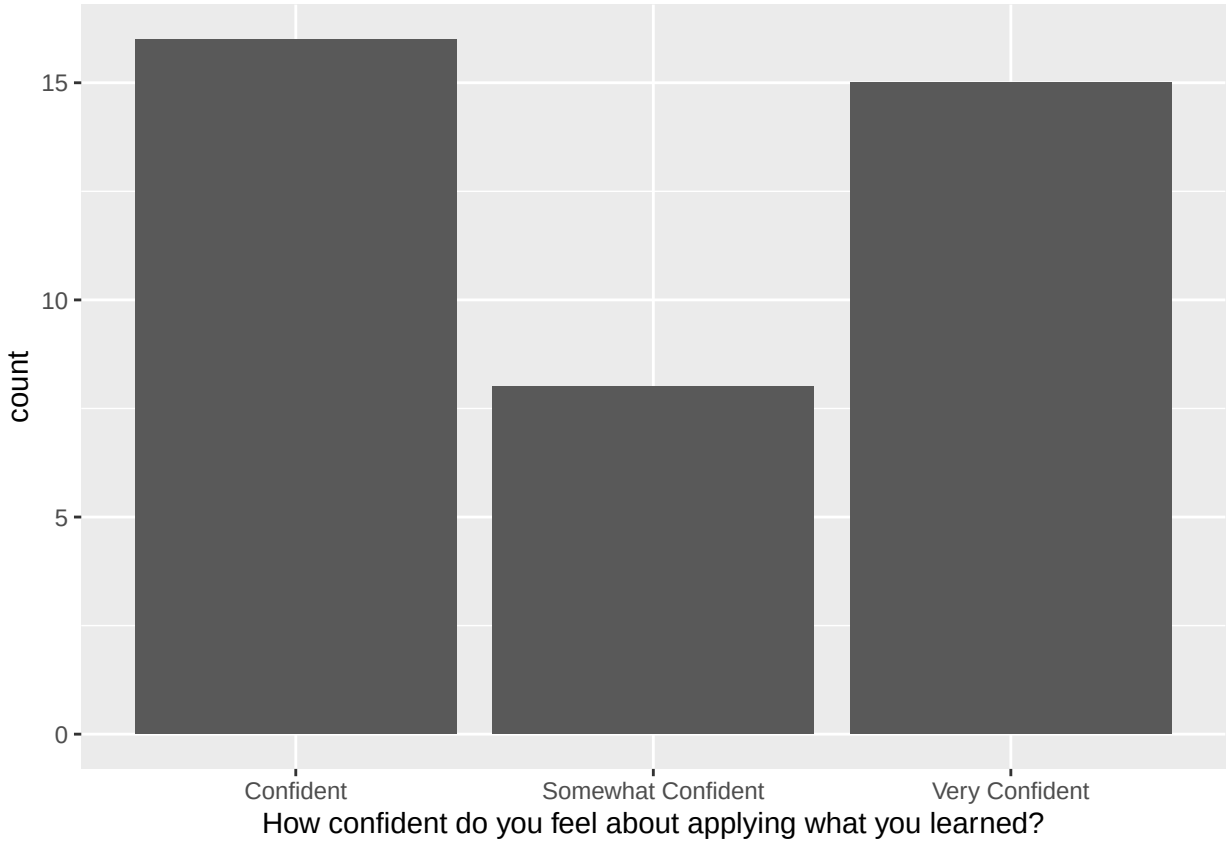


ow much you agree with the following statement: I have a good understanding of the concepts pr

```
graphconfident<-ggplot(data=survey2)+geom_bar(mapping=aes(x=`How confident do you feel about applying wh
ggsave("graphconfident.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

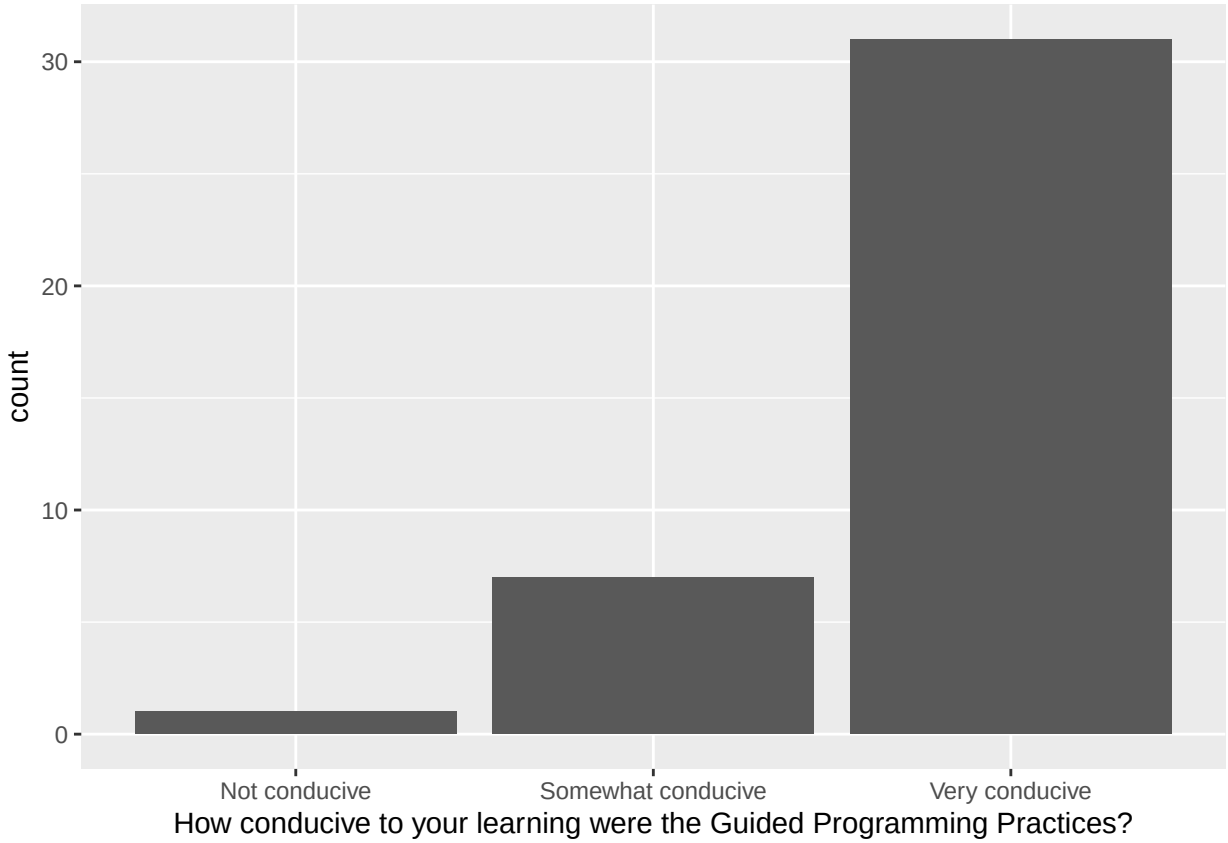
```
graphconfident
```




```
graphguide<-ggplot(data=survey2)+geom_bar(mapping=aes(x=`How conducive to your learning were the Guided
ggsave("graphguide.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

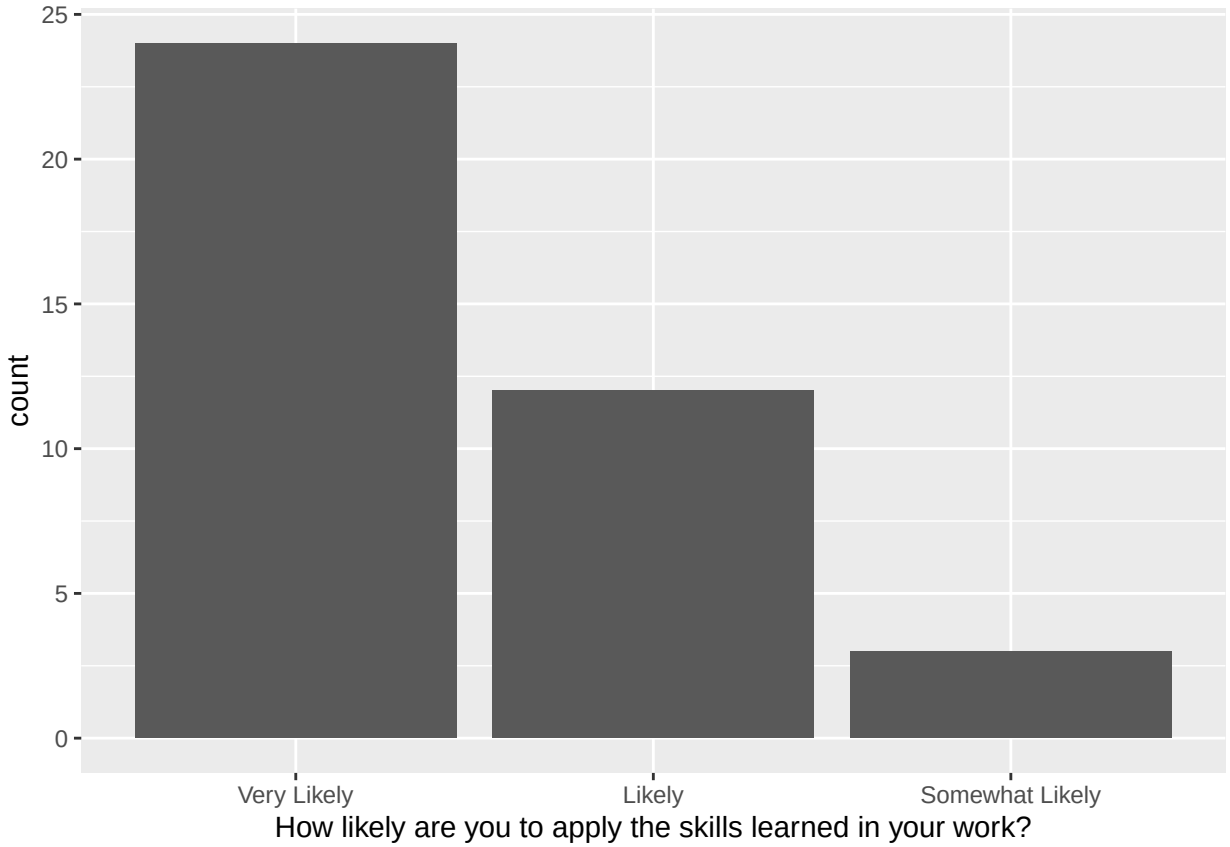
```
graphguide
```




```
graphapply<-ggplot(data=survey2)+geom_bar(mapping=aes(x=`How likely are you to apply the skills learned
ggsave("graphapply.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

```
graphapply
```

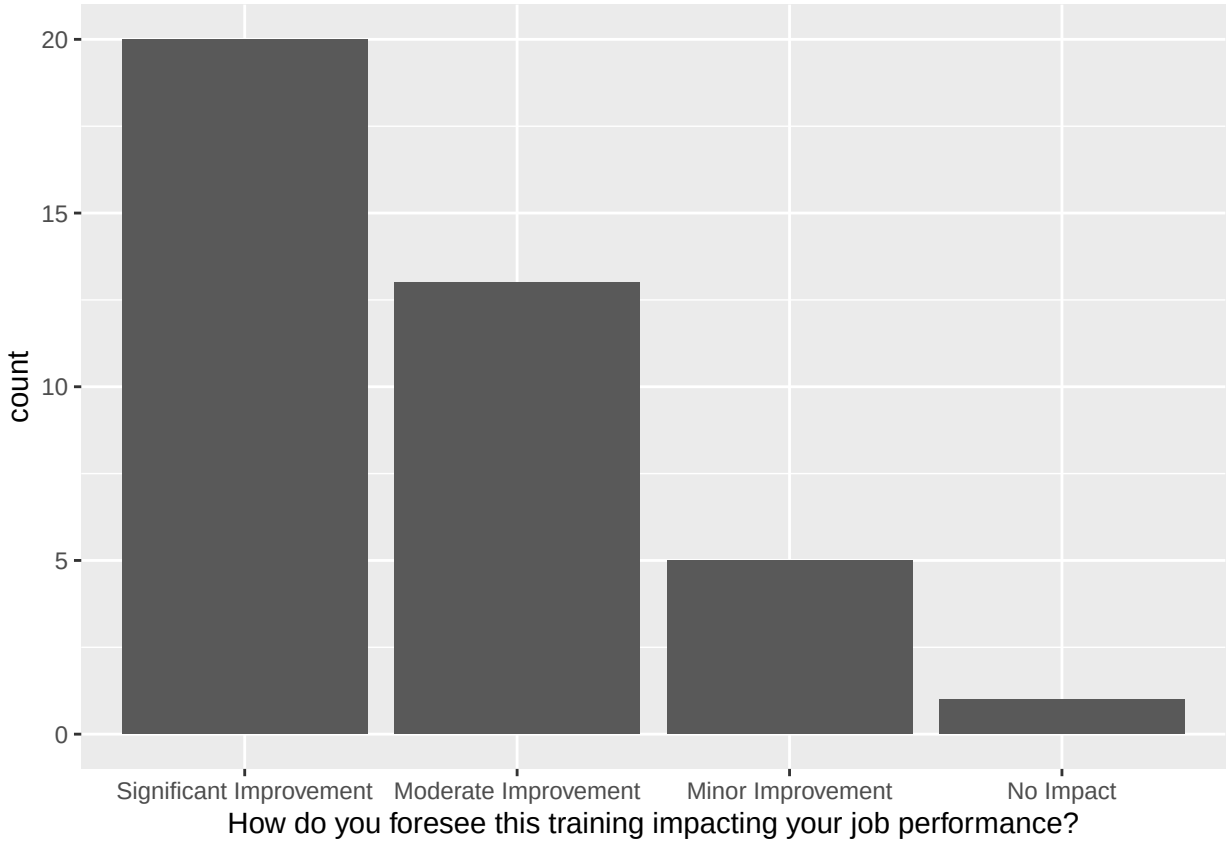



```
survey2 <- read_csv("test.csv",
  col_types = list(
    "How do you foresee this training impacting your job performance?" = col_factor(levels = c("Signifi
  ))
```

```
graphimp<-ggplot(data=survey2)+geom_bar(mapping=aes(x=`How do you foresee this training impacting your
ggsave("graphimp.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

```
graphimp
```

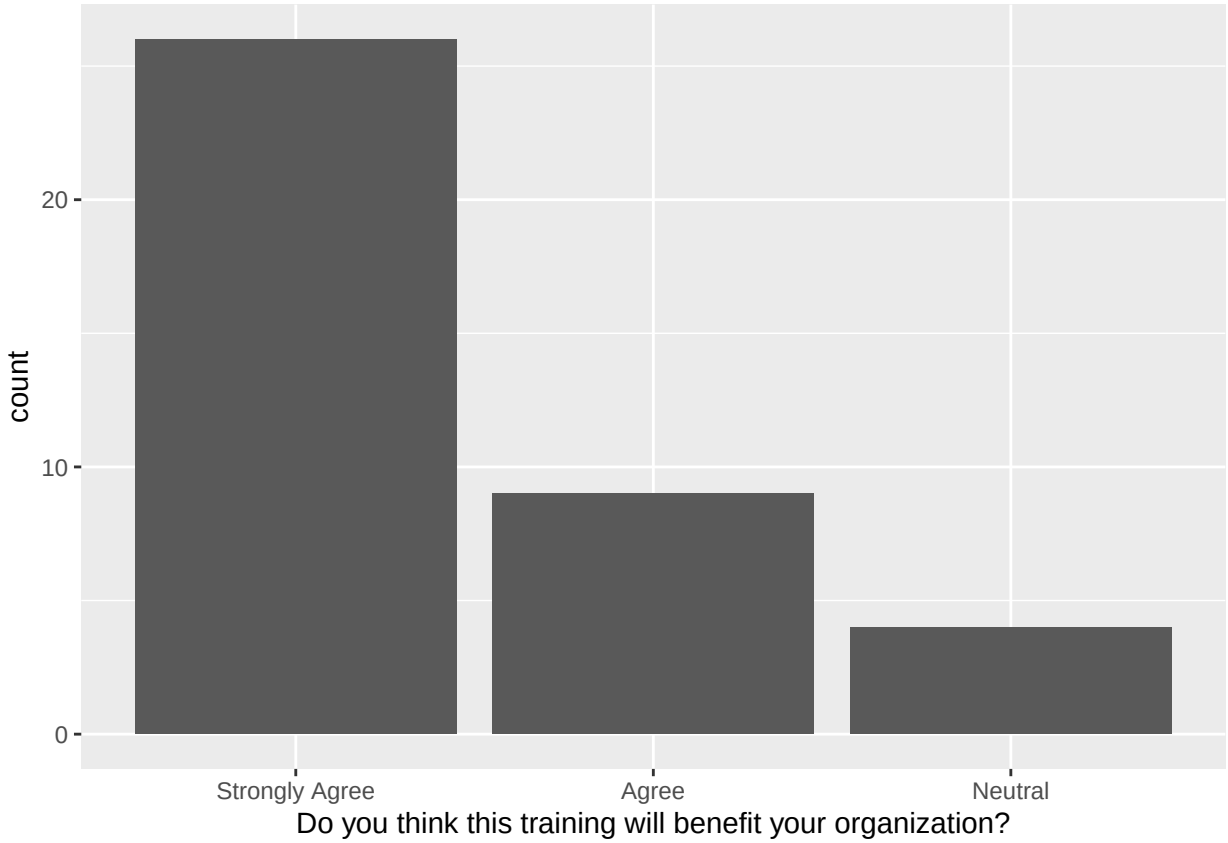



```
survey2 <- read_csv("test.csv",
  col_types = list(
    "Do you think this training will benefit your organization?" = col_factor(levels = c("Strongly Agre
  ))
```

```
graphorg<-ggplot(data=survey2)+geom_bar(mapping=aes(x=`Do you think this training will benefit your orga
ggsave("graphorg.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

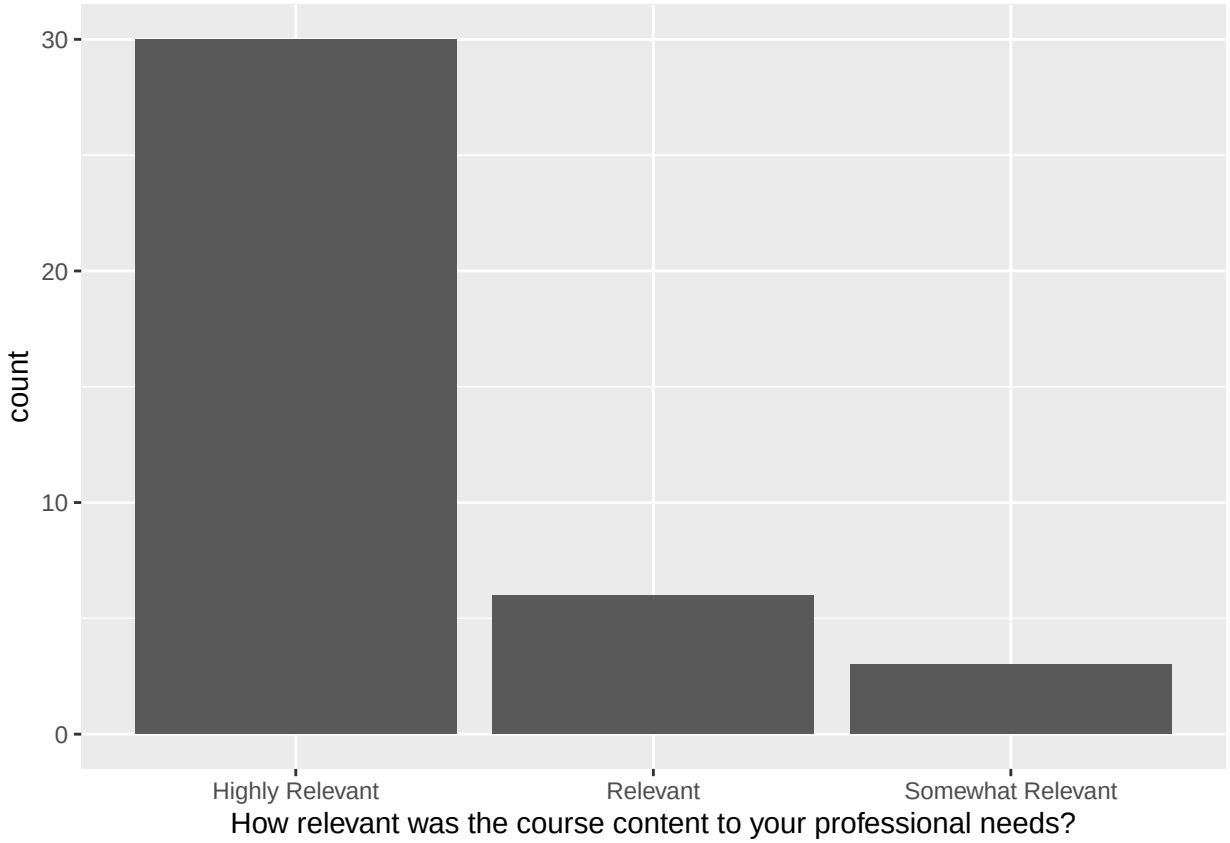
```
graphorg
```




```
graphrelevant<-ggplot(data=survey2)+geom_bar(mapping=aes(x=`How relevant was the course content to your
ggsave("graphrelevant.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

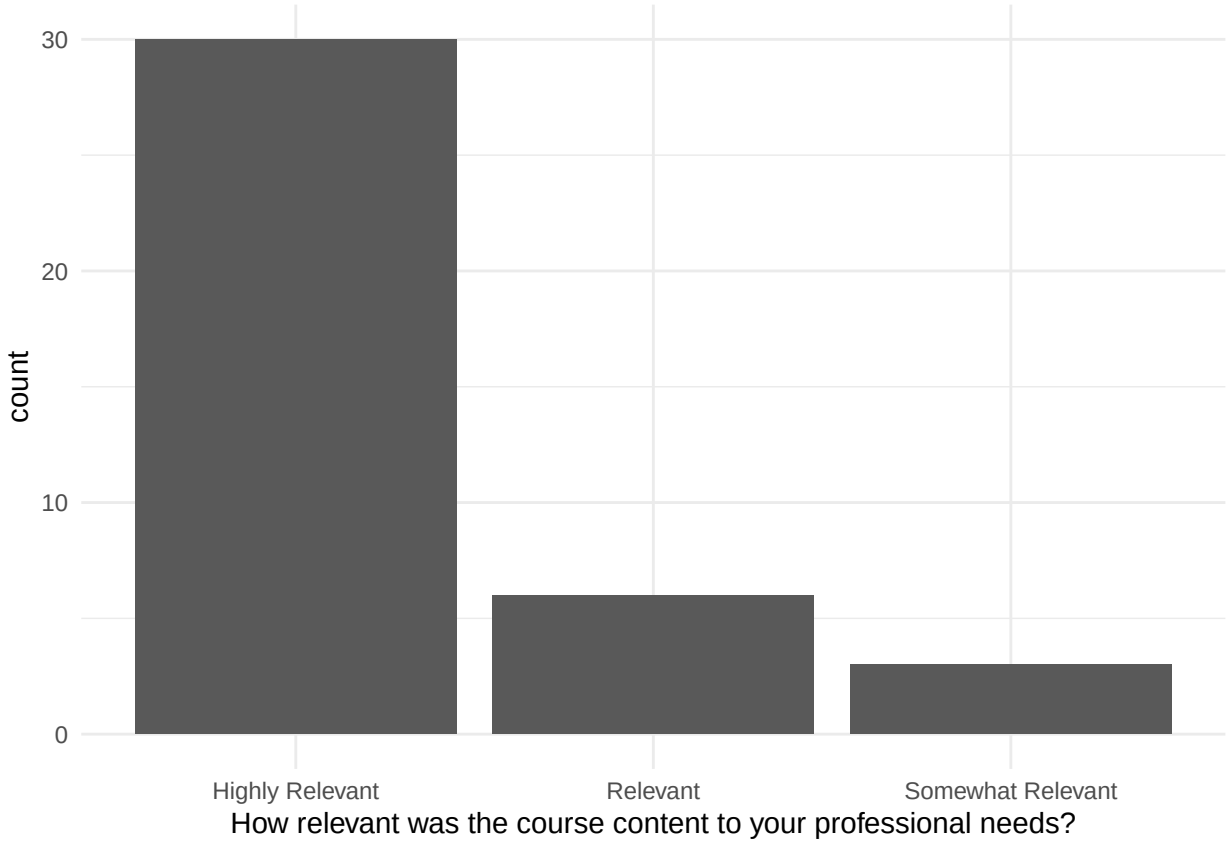
```
graphrelevant
```




```
graphrelevant<-ggplot(data=survey2)+
   geom_bar(mapping=aes(x=`How relevant was the course content to your professional needs?`))+
   theme_minimal()
ggsave("graphrelevant.jpg")
```

```
## Saving 6.5 x 4.5 in image
```

```
graphrelevant
```


30
20
10
0
count
Highly Relevant
Relevant
Somewhat Relevant
How relevant was the course content to your professional needs?