

# Bar Plot with ggplot2

Krishna Kumar Shrestha

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1 lets plot ..... 7

Creating a bar plot is very easy using ggplot2 . I will be using chickweight data for this example

*first lets load the package*

```
library(ggplot2)
```

```
## Warning: package 'ggplot2' was built under R version 3.6
```

```
library(ggthemes)
```

```
## Warning: package 'ggthemes' was built under R version 3.
```

```
library(dplyr)
```

```
## Warning: package 'dplyr' was built under R version 3.6.3
```

```
##
```

```
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
```

```
##
```

```
##      filter, lag
```

```
## The following objects are masked from 'packa-
```

```
ge:base':  
##  
##      intersect, setdiff, setequal, union
```

```
data("chickwts")  
str(chickwts)
```

```
## 'data.frame':    71 obs. of  2 variables:  
##  $ weight: num  179 160 136 227 217 168 108 124 143 140  
##  $ feed  : Factor w/ 6 levels "casein","horsebean",...: 2
```



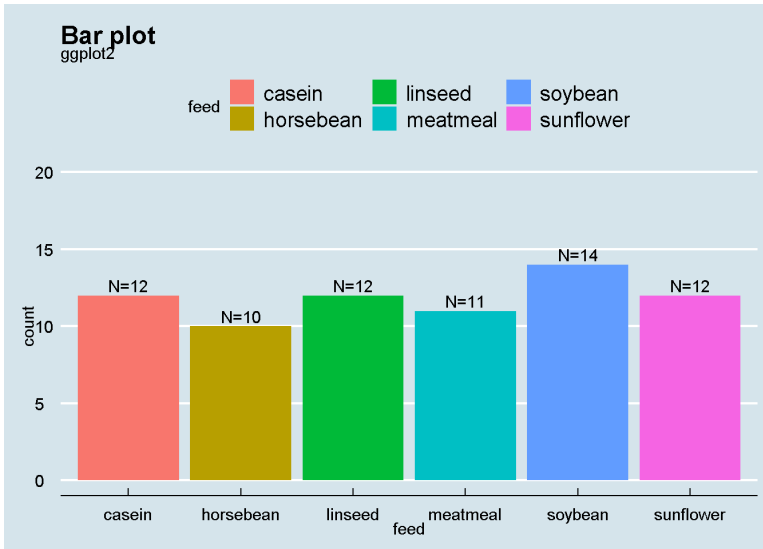
# 1 lets plot

```
plot1<-chickwts %>%  
  count(feed) %>%  
  ggplot() +  
  aes(x=feed,weights=n)+  
  geom_bar(aes(fill=feed))+  
  ylim(c(0,20))+  
  geom_text(aes(x=feed,y=n,label=paste0(
```

```

      "N=",n)),vjust=-0.3))+
  labs(
    title = "Bar plot",
    subtitle = paste0("ggplot2")
  )+theme_economist()
plot1

```



*lets add simple interactivity using plotly*

```

plotly::ggplotly(plot1)

```



