

Loading a Package

```
library(PACKAGE NAME)
```

Reading in Data

```
NAME OF DATASET <- read_csv("PATH & NAME OF DATASET.csv")
```

Note: The name of the dataset will change, but it will always need to have the .csv at the end of its name!

Note: Do not put spaces in the name you give the data set.

Preview a Dataset

```
glimpse(NAME OF DATASET)
```

head(NAME OF DATASET) – shows first 6 rows

names(NAME OF DATASET) – outputs the names of the columns/variables

Plotting a One-Variable Bar Plot with Counts

```
ggplot(data = NAME OF DATASET,  
  mapping = aes(x = NAME OF VARIABLE)) +  
  geom_bar(stat = "count") +  
  labs(title = "TITLE FOR GRAPH",  
    x = "TITLE FOR THE X-AXIS",  
    y = "TITLE FOR THE Y-AXIS")
```

Note: This bar plot has the variable names on the x-axis. If the names are squished, then you should use **y = NAME OF VARIABLE** instead of **x = NAME OF VARIABLE**.

Plotting a One-Variable Bar Plot with Proportions

```
ggplot(data = NAME OF DATASET,  
  mapping = aes(x = NAME OF VARIABLE, y = ..prop.., group = 1)) +  
  geom_bar(stat = "count") +  
  labs(title = "TITLE FOR GRAPH",  
    x = "TITLE FOR THE X-AXIS",  
    y = "TITLE FOR THE Y-AXIS")
```

Note: This bar plot has the variable names on the x-axis. If the names are squished, then you should use **y = NAME OF VARIABLE** instead of **x = NAME OF VARIABLE**.