

HW(1) Project

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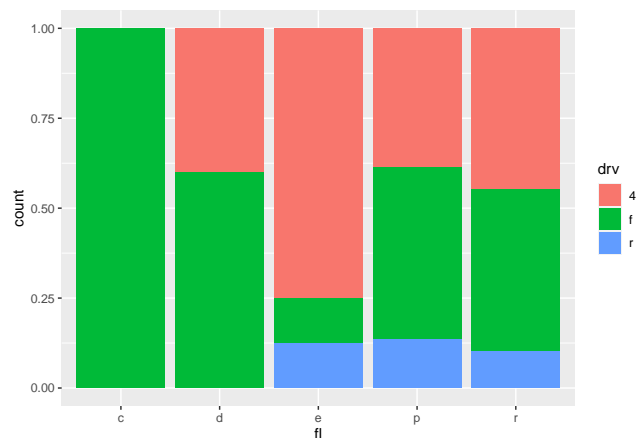
Run this code first

Q1. Replace the author name with your name in YAML part above.

Q2. Find Position Adjustments section from the cheat sheet and apply one of its methods with your comment

```
q2 <- ggplot(mpg, aes(fl, fill = drv)) # creating my variable `q2` # Do not modify this line
```

```
q2 +  
  geom_bar(position = "fill")
```

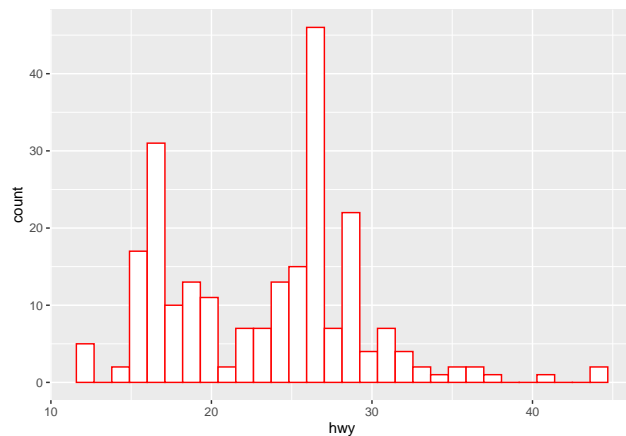


Q3. Find ONE VARIABLE continuous section and apply one of its methods with your comment

```
q3 <- ggplot(mpg, aes(hwy)) # creating my variable `q3` # Do not modify this line
```

```
q3 +  
  geom_histogram(color="red", fill="white")
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```

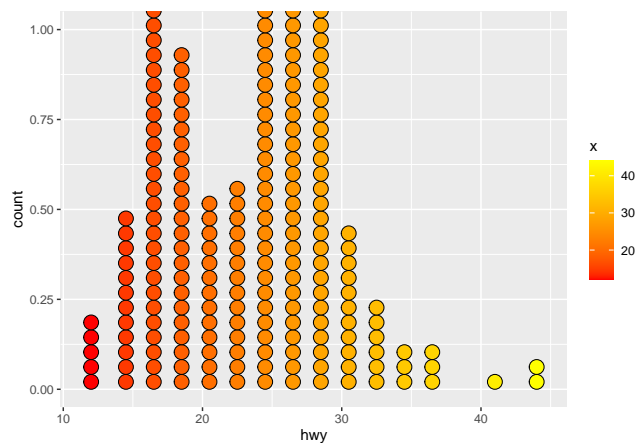


Q4. Find COLOR AND FILL SCALES (CONTINUOUS) section and apply one of its methods with your comment

```
q4 <- q3 + geom_dotplot(aes(fill = ..x..)) # Creating my variable `q4` # Do not modify this line
```

```
q4 +  
  scale_fill_gradient(low="red", high="yellow")
```

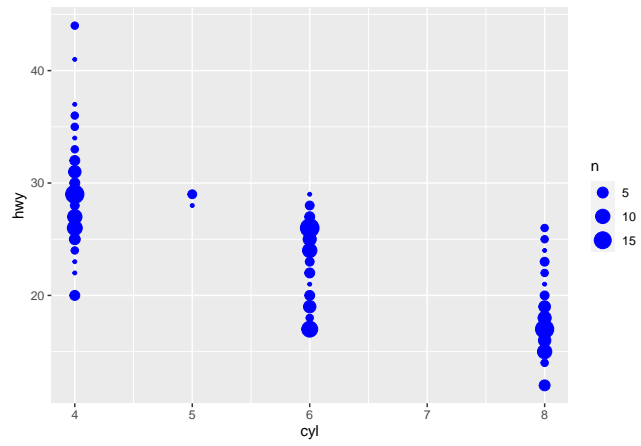
Bin width defaults to 1/30 of the range of the data. Pick better value with `binwidth`.



Q5. Find both discrete section and apply one of its methods with your comment

```
q5 <- ggplot(mpg, aes(cyl, hwy)) # Creating my variable `q5` # Do not modify this line
```

```
q5 +  
  geom_count(color="blue")
```



End of document