

Lab 1 - Data visualization

Sydney Girvin

Load Packages

```
library(tidyverse)
```

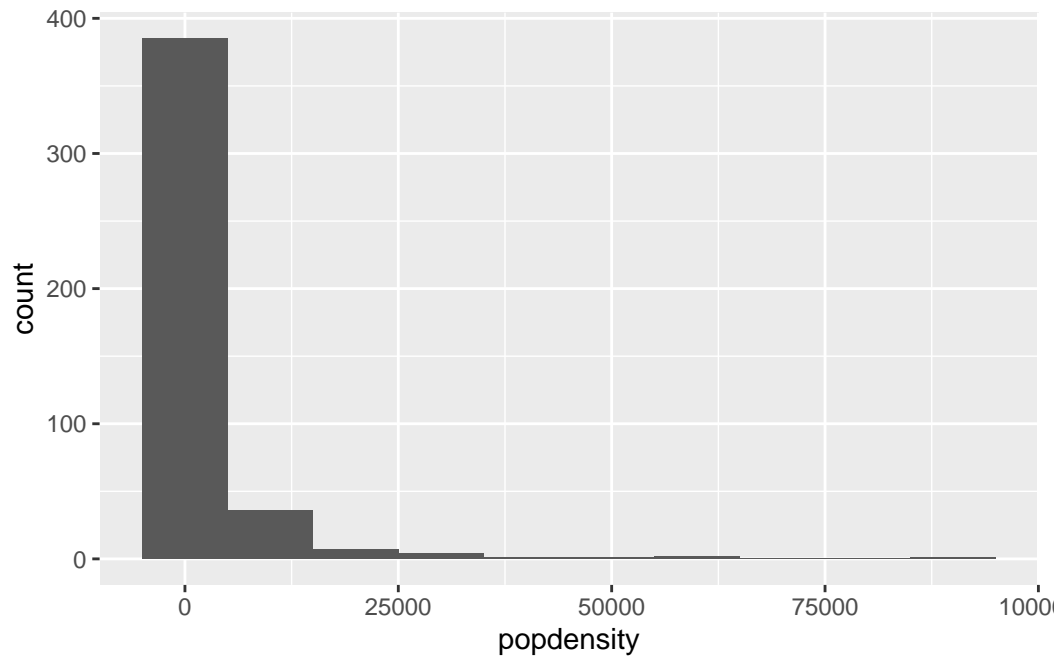
Warning in system("timedatectl", intern = TRUE): running command 'timedatectl' had status 1

```
library(viridis)
```

Exercise 1

(Type your answer to Exercise 1 here. Add code chunks as needed. Don't forget to label your code chunk. Do not use spaces in code chunk labels.)

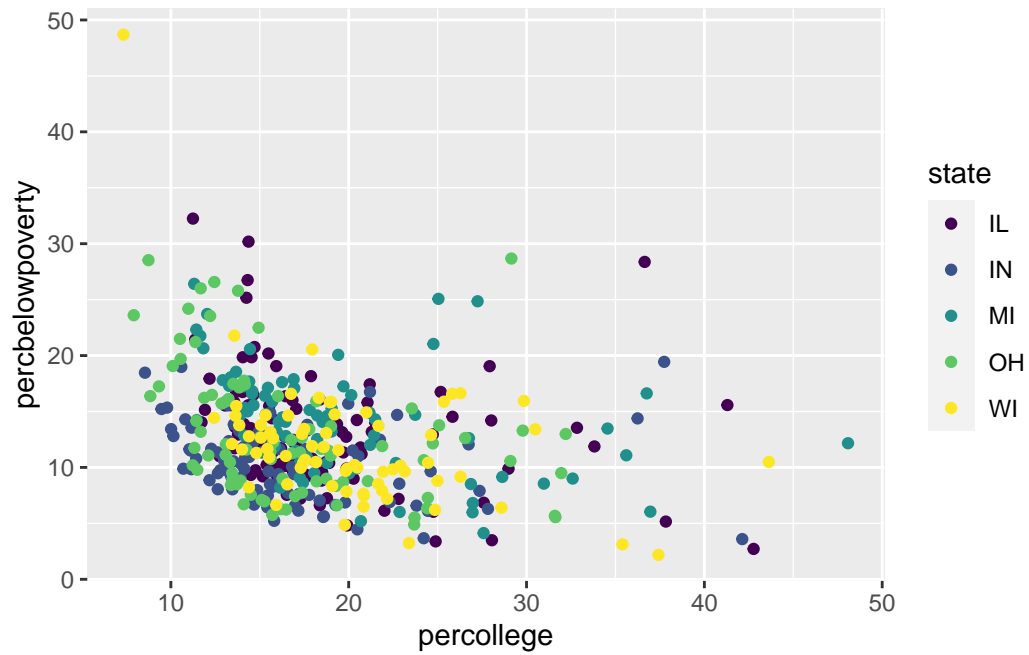
```
ggplot(data = midwest, mapping = aes(x = popdensity)) +  
  geom_histogram(binwidth = 10000)
```



The data is greatly skewed to the right. There appears to be outliers between 50000 and 75000 as well as after 75000.

Exercise 2

```
ggplot(data = midwest, mapping = aes(x = percollege, y = perbelowpoverty, color = state))  
  geom_point() +  
  scale_color_viridis_d()
```



Exercise 3

(Type your answer to Exercise 3 here. Add code chunks as needed. Don't forget to label your code chunk. Do not use spaces in code chunk labels.)

Exercise 4

Exercise 5

Exercise 6

Exercise 7