Lab 1 - Data visualization

Karina Marinovich

Load Packages

```
library(tidyverse)
```

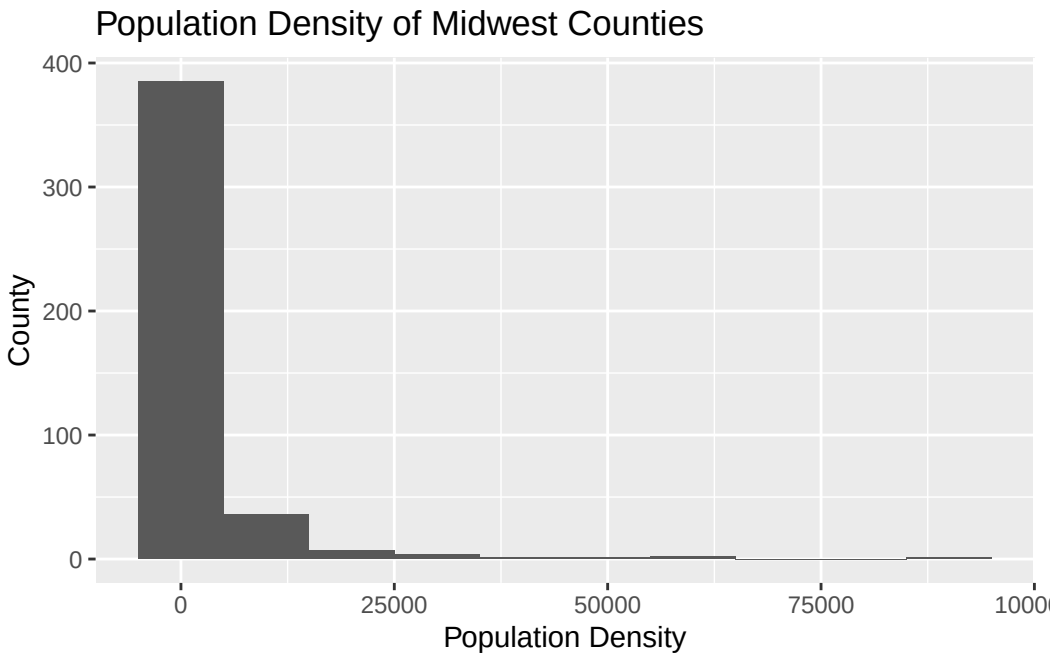
```
Warning in system("timedatectl", intern = TRUE): running command 'timedatectl'
had status 1
```

```
library(viridis)
```

Exercise 1

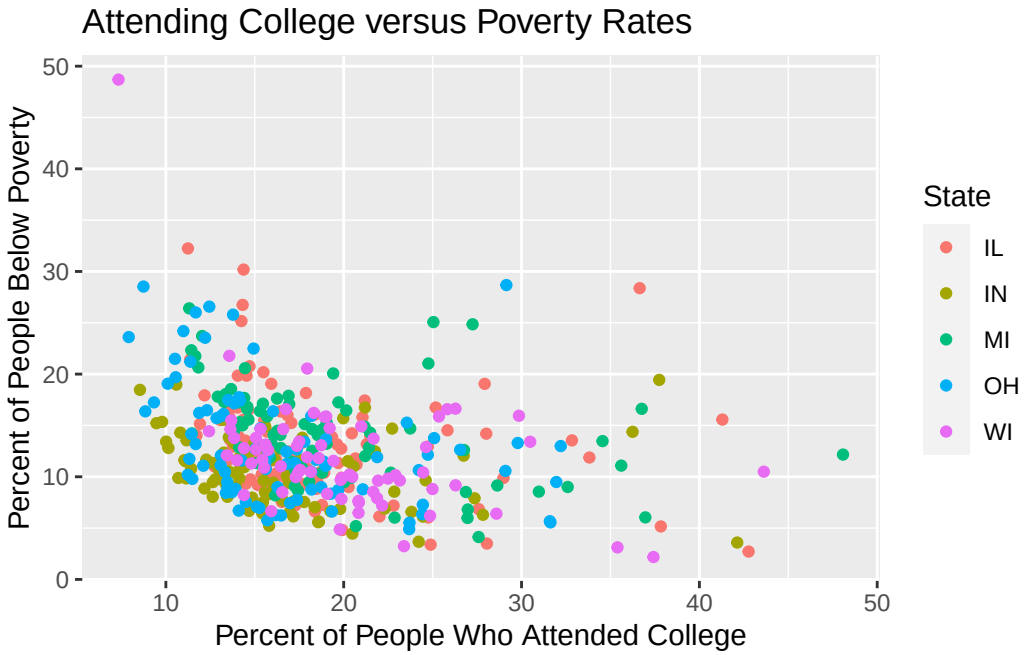
(Type your answer to Exercise 1 here. Add code chunks as needed. Don't forget to label your code chunk. Do not use spaces in code chunk labels.)

```
ggplot(midwest,
       aes(x = popdensity)) +
  geom_histogram(binwidth = 10000) + labs(x = "Population Density", y = "County", title =
```



The shape of the distribution of Population Density of Midwest Counties is asymmetrical, skewed right. There appears to be an outlier when the population density is around 90,000
Exercise 2

```
ggplot(midwest, aes(x = percollege, y = percbelowpoverty, color = state)) + geom_point() +
```



(Type your answer to Exercise 2 here. Add code chunks as needed. Don't forget to label your code chunk. Do not use spaces in code chunk labels.)

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