

Lab 1 - Data visualization

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Load Packages

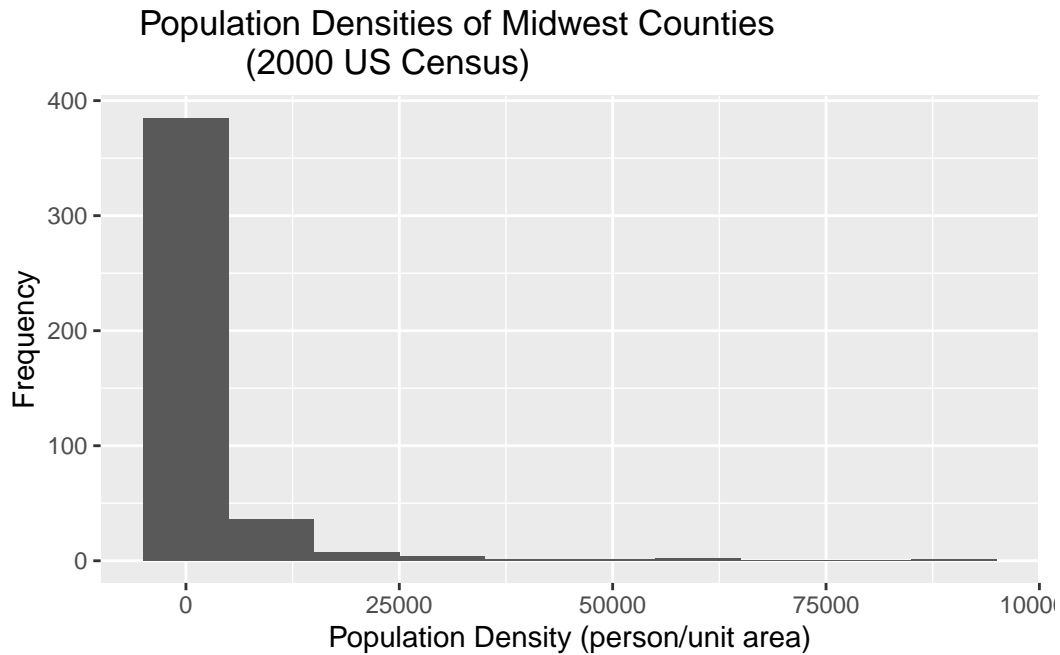
```
library(tidyverse)
```

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

```
library(viridis)
```

Exercise 1

```
ggplot(data = midwest,
       aes(x = popdensity)) +
  geom_histogram(binwidth = 10000) +
  labs(
    x = "Population Density (person/unit area)",
    y = "Frequency",
    title =
      "    Population Densities of Midwest Counties
      (2000 US Census)"
  )
```



- The distribution of the data seem to be right-skewed.
- There seem to be some outliers of relatively large population densities, such as the incidences beyond 50000 people/unit area.

Exercise 2

(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