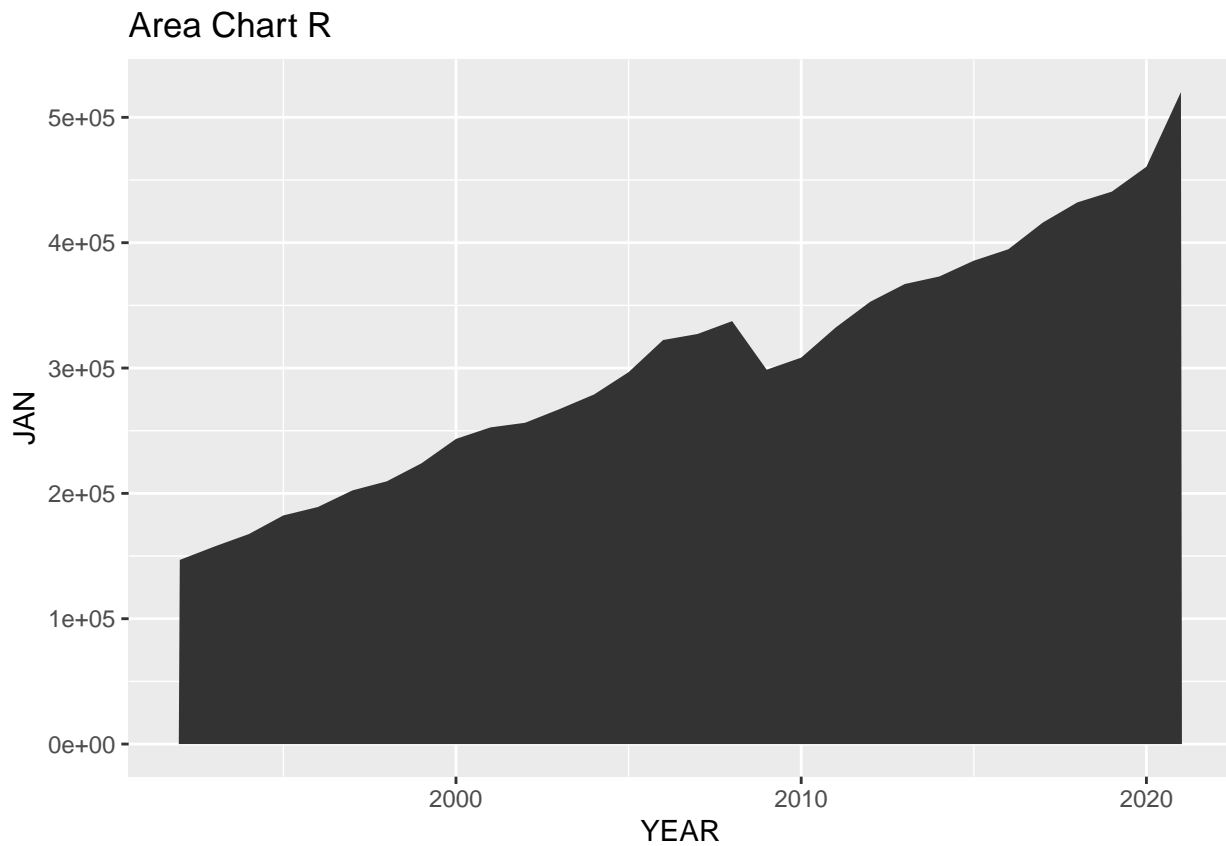# Week 5 & 6

Felipe Rodriguez

2024-01-21
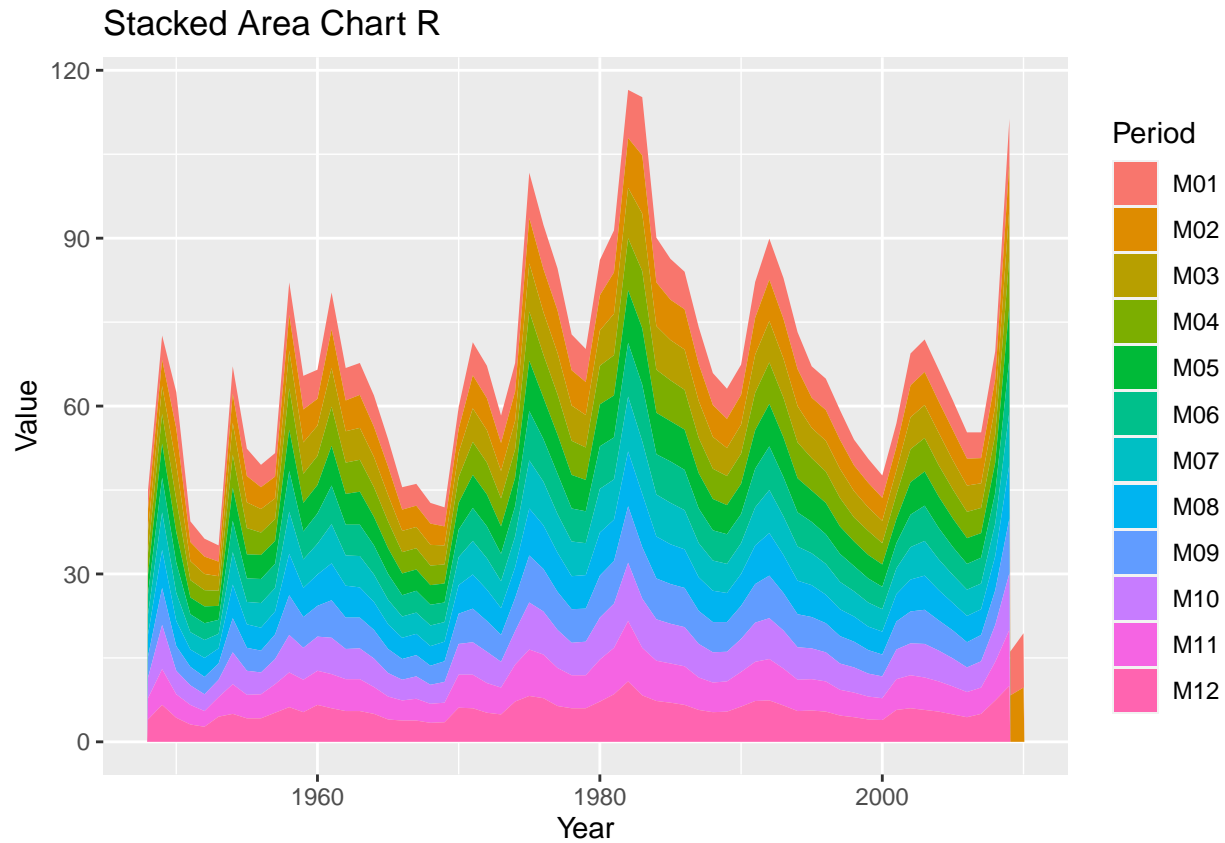
```r
setwd("/Users/feliperodriguez/OneDrive - Bellevue University/DSC 640 Data Prep and Vis/Week 5&6")
data <- read.csv("us_retail_sales.csv")
```

Plot the data from each dataset using a scatter plot.

```r
# Line Chart
library(ggplot2)

ggplot(data, aes(x= YEAR, y=JAN)) + geom_area() + ggtitle("Area Chart R")
```

```
# Step Chart
library(ggplot2)
df <- read.csv("unemployement-rate-1948-2010.csv")
ggplot(df, aes(x = Year, y =Value, fill=Period)) + geom_area()+ ggtitle("Stacked Area Chart R")
```


Stacked Area Chart R

```
# Step Chart
library(treemap)
treemap(df,
        index=c("Year"),
        vSize="Value",
        title="Treemap R"
        )
```

Treemap R