Week 5 & 6

Felipe Rodriguez

2024-01-21

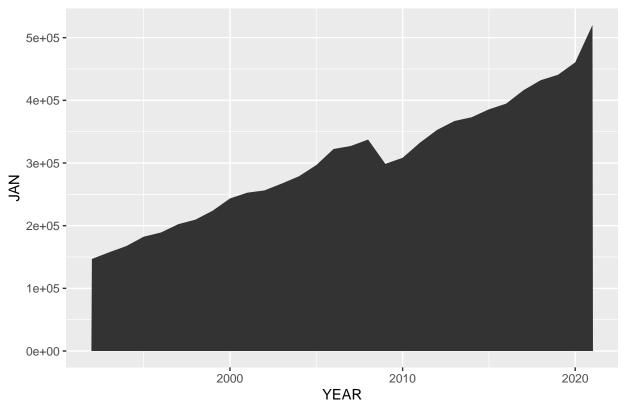
```
setwd("/Users/feliperodriguez/OneDrive - Bellevue University/DSC 640 Data Prep and Vis/Week 5&6")
data <- read.csv("us_retail_sales.csv")</pre>
```

Plot the data from each dataset using a scatter plot.

```
# Line Chart
library(ggplot2)

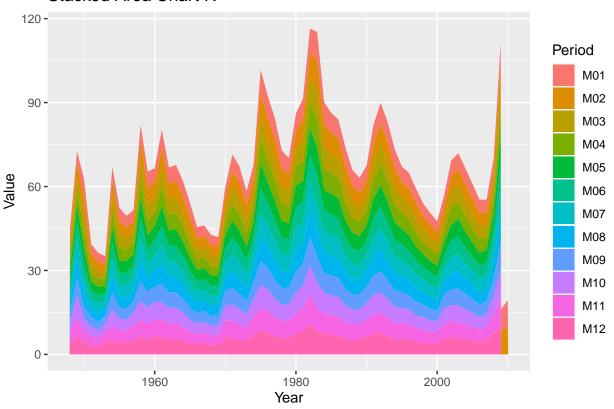
ggplot(data, aes(x= YEAR, y=JAN)) + geom_area() + ggtitle("Area Chart R")
```

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")</pre>
```

Stacked Area Chart R



Treemap R

			_			_			
1982	1981	1986	1994	1978	1949	2003	3 19	971	1979
1983	1984	1993	2008	1972	1995	1954	19	62	1960
	1992	1991	2002 1963	2004	1950	1964	20	005	1970
2009				1988	1997	2006	1965	1998	1955
	1985	1958			1337	2000	1905	1990	1955
1975				1959	1973	1957	2000	196	7 1966
	1980	1961	1974						
				1996	2001	1999	1948	1969	1951
1976	1977	1987	1990	1989	2007	1956	1968	1952	1953 2010