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library(ggplot2)
getwd()
setwd("~/Documents/DSC 640")
library(readr)
df <- read_csv("unemployment-rate-1948-2010.csv")
View(df)
x <- aggregate(df$Value, by=list(Category=df$Year), FUN=sum)
x
year <- x$Category
val <- x$x
ggplot(x, aes(x=year, y=val)) + geom_area() + ggtitle("Unemployment by Year")
df1 <- read.delim("expenditures.txt", sep='\t')
View(df1)
df2 <- aggregate(df1$expenditure, by=list(Category=df1$category), FUN=sum)
df2
catg <- df2$Category
exp <- df2$x
install.packages("treemapify")
library(treemapify)
ggplot(df2, aes(area = exp, fill = catg, label = catg)) + geom_treemap() + geom_treemap_text()
library(dplyr)
year <- df$Year
period <- df$Period
value <- df$Value
ggplot(df, aes(x=year, y=value, fill=period)) + geom_area()

```