SDSW Project

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I created two of the same code chunks for reading in the files so we don't have to change the pathnames every time we run it. When you run it, just set the first chunk to eval=FALSE and the second chunk to eval=TRUE.

```
arbys <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - Arbys.csv")
blimpie <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - blimpie (1).csv")
buffaloWildWings <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - buffalowi
burgerKing <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - burgerking.csv"
carlsJr <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - carsljr (1).csv")
chickFilA <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - chickfila.csv")
chilis <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - chilis (1).csv")
delTaco <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - deltaco (1).csv")
inNOut <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - innout (1).csv")
```

```
## Warning in read.table(file = file, header = header, sep = sep, quote = quote, :
## incomplete final line found by readTableHeader on
## '/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - innout
## (1).csv'
```

```
jackInTheBox <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - JackintheBox.
KFC <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - KFC.csv")
mcdonalds <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - mcdonalds.csv")
popeyes <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - Popeyes.csv")
raisingCanes <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - raisingcanes
sonic <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - Sonic Drive-In.csv")
tacoBell <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - tacobell.csv")
wendys <- read.csv("/Users/alainaliu/Downloads/sdsw-project-main/sdsw restaurants - wendys.csv")
```

```
arbys <- read.csv("")
blimpie <- read.csv("")
buffaloWildWings <- read.csv("")
burgerKing <- read.csv("")
carlsJr <- read.csv("")
chickFilA <- read.csv("")
chilis <- read.csv("")
delTaco <- read.csv("")
inNOut <- read.csv("")
jackInTheBox <- read.csv("")
KFC <- read.csv("")
mcdonalds <- read.csv("")
```

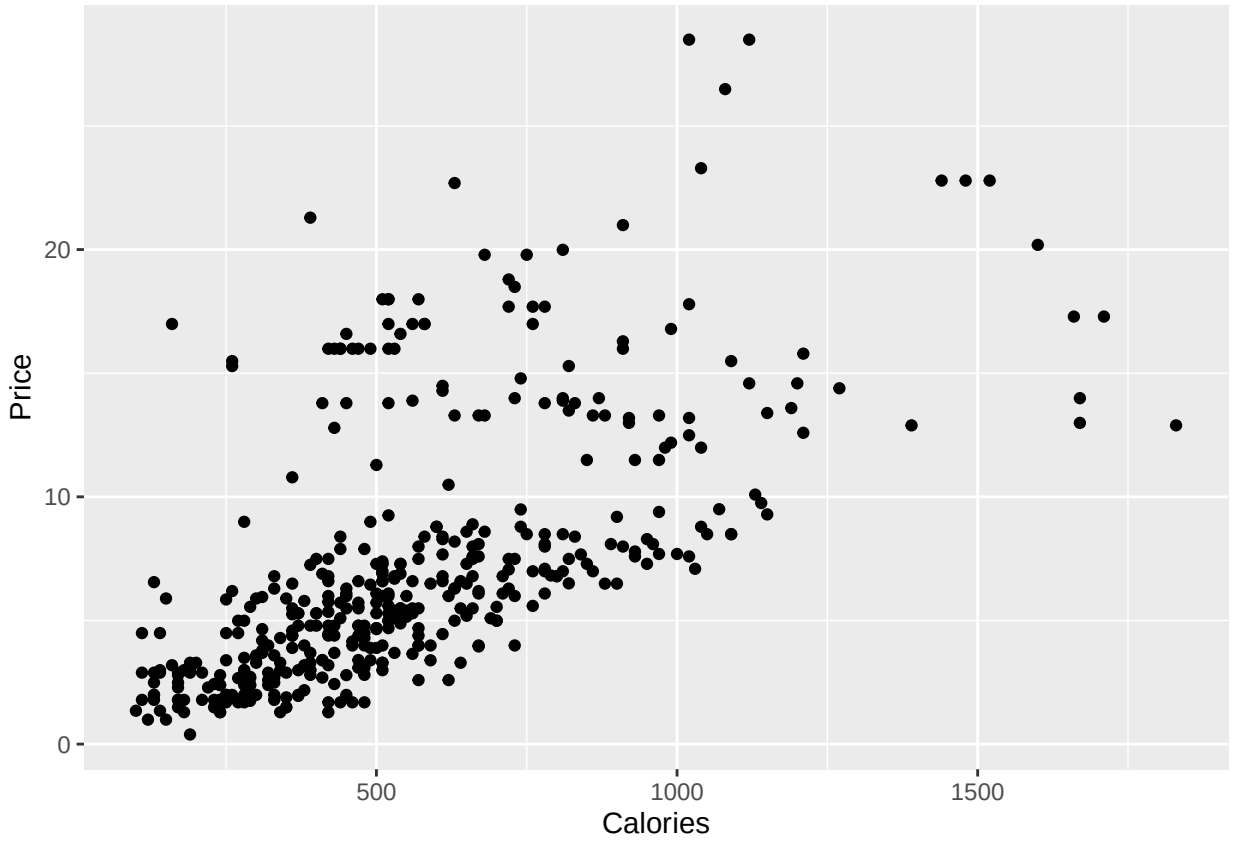
```
popeyes <- read.csv("")
raisingCanes <- read.csv("")
sonic <- read.csv("")
tacoBell <- read.csv("")
wendys <- read.csv("")
```

```
# combine everything into one dataset
alldata <- bind_rows(arbys, blimpie, buffaloWildWings, burgerKing, carlsJr, chickFilA, chilis, delTaco,
```

Graphs

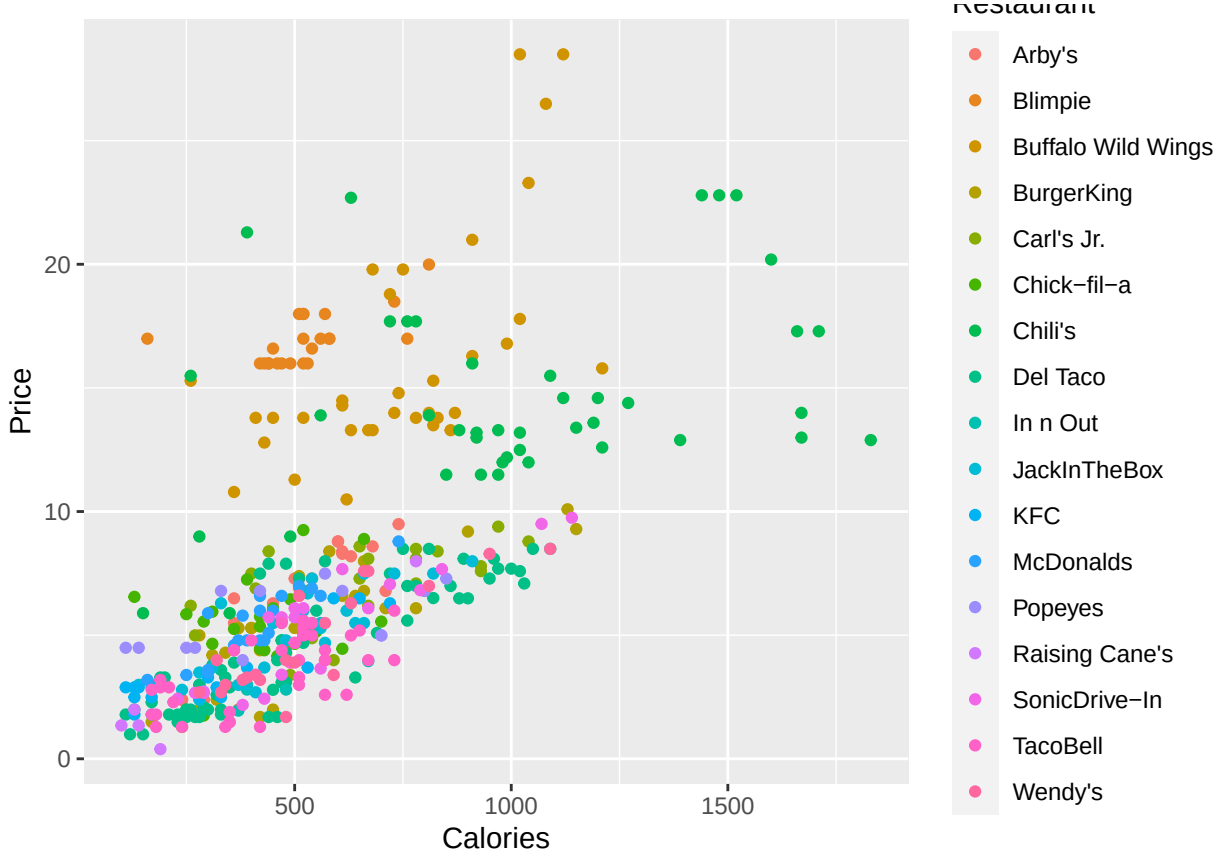
```
ggplot(data=alldata, aes(x=Calories, y=Price)) + geom_point()
```

```
## Warning: Removed 24 rows containing missing values (`geom_point()`).
```



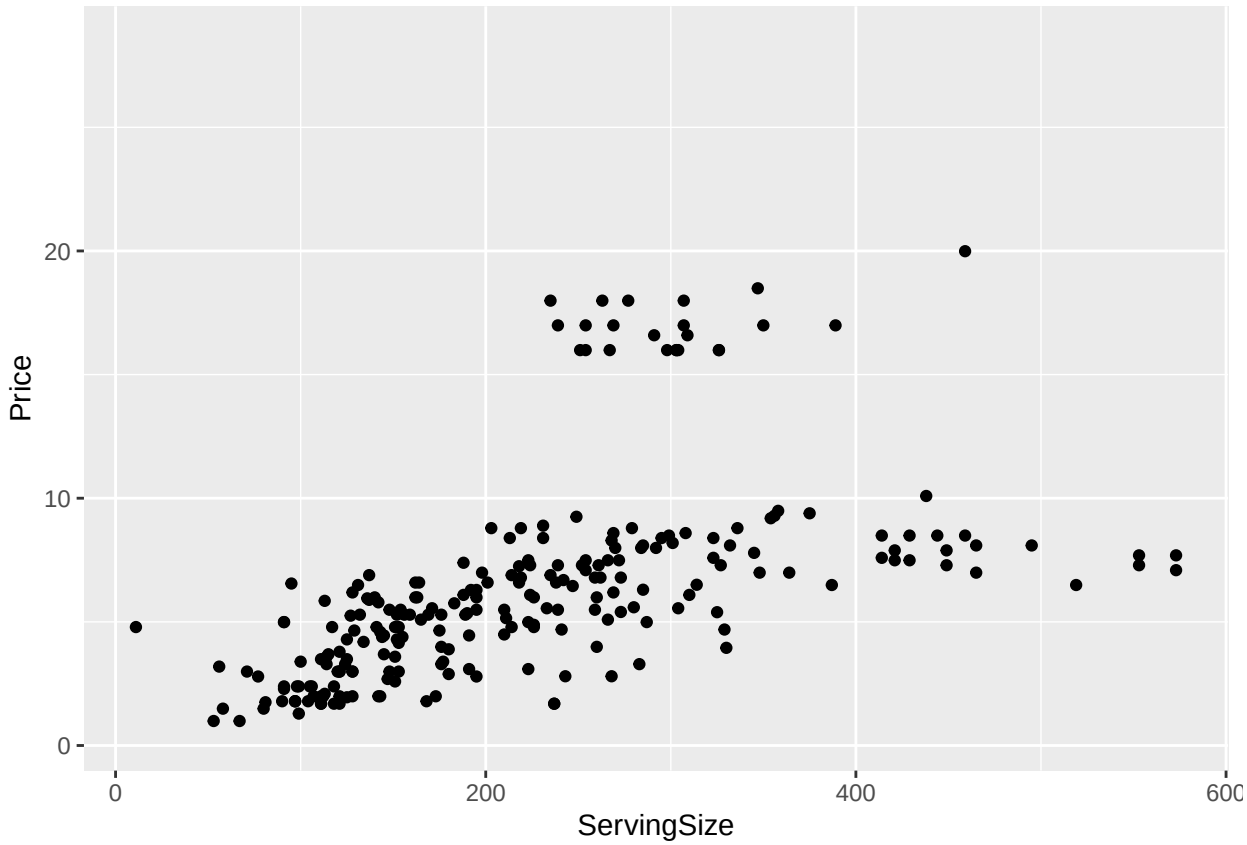

```
ggplot(data=alldata, aes(x=Calories, y=Price, color=Restaurant)) + geom_point()
```

```
## Warning: Removed 24 rows containing missing values (`geom_point()`).
```



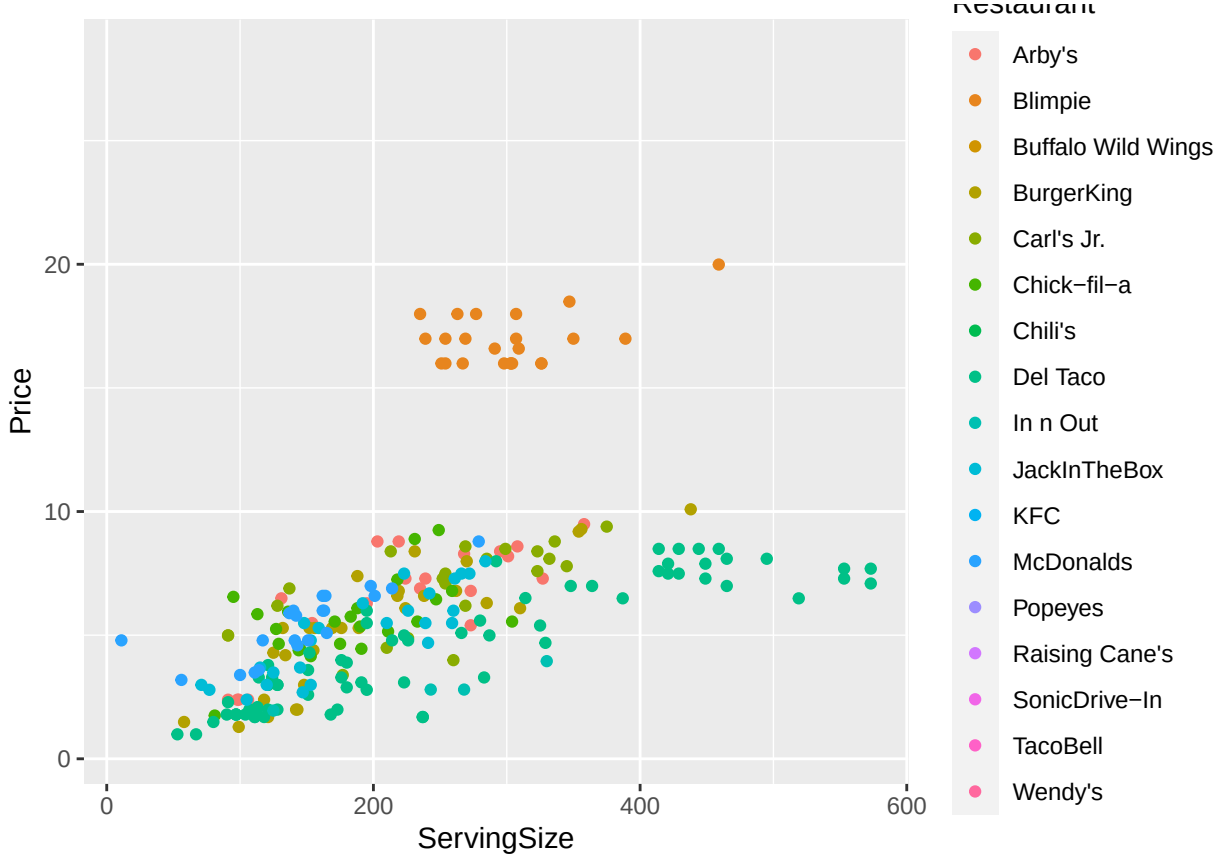

```
ggplot(data=alldata, aes(x=ServingSize, y=Price)) + geom_point()
```

```
## Warning: Removed 218 rows containing missing values (‘geom_point()‘).
```




```
ggplot(data=alldata, aes(x=ServingSize, y=Price, color=Restaurant)) + geom_point()
```

```
## Warning: Removed 218 rows containing missing values (‘geom_point()‘).
```


Price
20
10
0
0
200
400
600
ServingSize
Restaurant
Arby's
Blimpie
Buffalo Wild Wings
BurgerKing
Carl's Jr.
Chick−fil−a
Chili's
Del Taco
In n Out
JackInTheBox
KFC
McDonalds
Popeyes
Raising Cane's
SonicDrive−In
TacoBell
Wendy's