Source

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R 4.2.2 · ~/

```
> Starbucks<-read.csv("C:\\Users\\WELCOME\\Documents\\Data Science files\\Assignment-DS\\Starbucks-(DataSet).csv")
> View(Starbucks)
> str(Starbucks)
'data.frame':   242 obs. of  18 variables:
 $ Beverage_category      : chr  "Coffee" "Coffee" "Coffee" "Coffee" ...
 $ Beverage               : chr  "Brewed Coffee" "Brewed Coffee" "Brewed Coffee" "Brewed Coffee" ...
 $ Beverage_prep          : chr  "Short" "Tall" "Grande" "Venti" ...
 $ Calories               : int  3 4 5 5 70 100 70 100 150 110 ...
 $ Total.Fat..g.          : chr  "0.1" "0.1" "0.1" "0.1" ...
 $ Trans.Fat..g.          : num  0 0 0 0 0.1 2 0.4 0.2 3 0.5 ...
 $ Saturated.Fat..g.      : num  0 0 0 0 0 0.1 0 0 0.2 0 ...
 $ Sodium..mg.            : int  0 0 0 0 5 15 0 5 25 0 ...
 $ Total.Carbohydrates..g.: int  5 10 10 10 75 85 65 120 135 105 ...
 $ Cholesterol..mg.       : int  0 0 0 0 10 10 6 15 15 10 ...
 $ Dietary.Fibre..g.      : int  0 0 0 0 0 0 1 0 0 1 ...
 $ Sugars..g.             : int  0 0 0 0 9 9 4 14 14 6 ...
 $ Protein..g.            : num  0.3 0.5 1 1 6 6 5 10 10 8 ...
 $ Vitamin.A....DV.       : chr  "0%" "0%" "0%" "0%" ...
 $ Vitamin.C....DV.       : chr  "0%" "0%" "0%" "0%" ...
 $ Calcium....DV.         : chr  "0%" "0%" "0%" "2%" ...
 $ Iron....DV.            : chr  "0%" "0%" "0%" "0%" ...
 $ Caffeine..mg.          : chr  "175" "260" "330" "410" ...
> Carbmean<-mean(Starbucks$Total.Carbohydrates..g.)
> print(Carbmean)
[1] 128.8843
```

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```
[1] 128.8843
> Sugarmean<-mean(Starbucks$Sugars..g.)
> print(Sugarmean)
[1] 32.96281
> Transmean<-mean(Starbucks$Trans.Fat..g.)
> print(Transmean)
[1] 1.307025
> Cholmean<-mean(Starbucks$Cholesterol..mg.)
> print(Cholmean)
[1] 35.99174
> Dietmed<-median(Starbucks$Dietary.Fibre..g.)
> print(Dietmed)
[1] 0
> Promed<-median(Starbucks$Protein..g.)
> print(Promed)
[1] 6
> Calmed<-median(Starbucks$Calories)
> print(Calmed)
[1] 185
> Sodmed<-median(Starbucks$Sodium..mg.)
> print(Sodmed)
[1] 5
> Caffmod<-mfv(Starbucks$Caffeine..mg.)
> print(Caffmod)
[1] "75"
> Ironmod<-mfv(Starbucks$Iron....DV.)
> print(Ironmod)
[1] "0%"
```

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```
> Totmod<-mfv(Starbucks$Total.Fat..g.)
> print(Totmod)
[1] "0.1"
>
>
> #STANDARD DEVIATION
>
> Prosd<-sd(Starbucks$Protein..g.)
> print(Prosd)
[1] 4.871659
> Sudsd<-sd(Starbucks$Sugars..g.)
> print(Sudsd)
[1] 19.7302
> Cholsd<-sd(Starbucks$Cholesterol..mg.)
> print(Cholsd)
[1] 20.79519
> Transvar<-var(Starbucks$Trans.Fat..g.)
> print(Transvar)
[1] 2.690448
> Proteinvar<-var(Starbucks$Protein..g.)
> print(Proteinvar)
[1] 23.73306
> Calrar<-max(Starbucks$Calories)-min(Starbucks$Calories)
> print(Calrar)
[1] 510
> Totrar<-max(Starbucks$Saturated.Fat..g.)-min(Starbucks$Saturated.Fat..g.)
> print(Totrar)
[1] 0.3
> library(moments)
```

Source

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R 4.2.2 · ~/

```
> Proteinvar<-var(Starbucks$Protein..g.)
> print(Proteinvar)
[1] 23.73306
> Calrar<-max(Starbucks$Calories)-min(Starbucks$Calories)
> print(Calrar)
[1] 510
> Totrar<-max(Starbucks$Saturated.Fat..g.)-min(Starbucks$Saturated.Fat..g.)
> print(Totrar)
[1] 0.3
> library(moments)

Attaching package: 'moments'

The following object is masked from 'package:modeest':

    skewness

> Starbucks<-read.csv("C:\\Users\\WELCOME\\Documents\\Data Science files\\Assig
nment-DS\\Starbucks-(DataSet).csv")
> View(Starbucks)
> kurtosis(Starbucks$Calories)
[1] 2.894801
> skewness(Starbucks$Calories)
[1] 0.3760464
> skewness(Starbucks$Protein..g.)
[1] 0.7030733
>
```