SAP

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9/10/2021

```r
Data <- data[c("Job", "shift", "gender", "Age", "height", "weightgain", "lbs_gained", "bweight", "BMI",
Data$lbs_gained[Data$weightgain == "No"] <- 0
Data <- Data[is.na(Data$lbs_gained) == FALSE,]

Data$Vig.ex.Time <- as.numeric(Data$Vig.ex.Time)
Data$Mod.ex.time <- as.numeric(Data$Mod.ex.time)
```
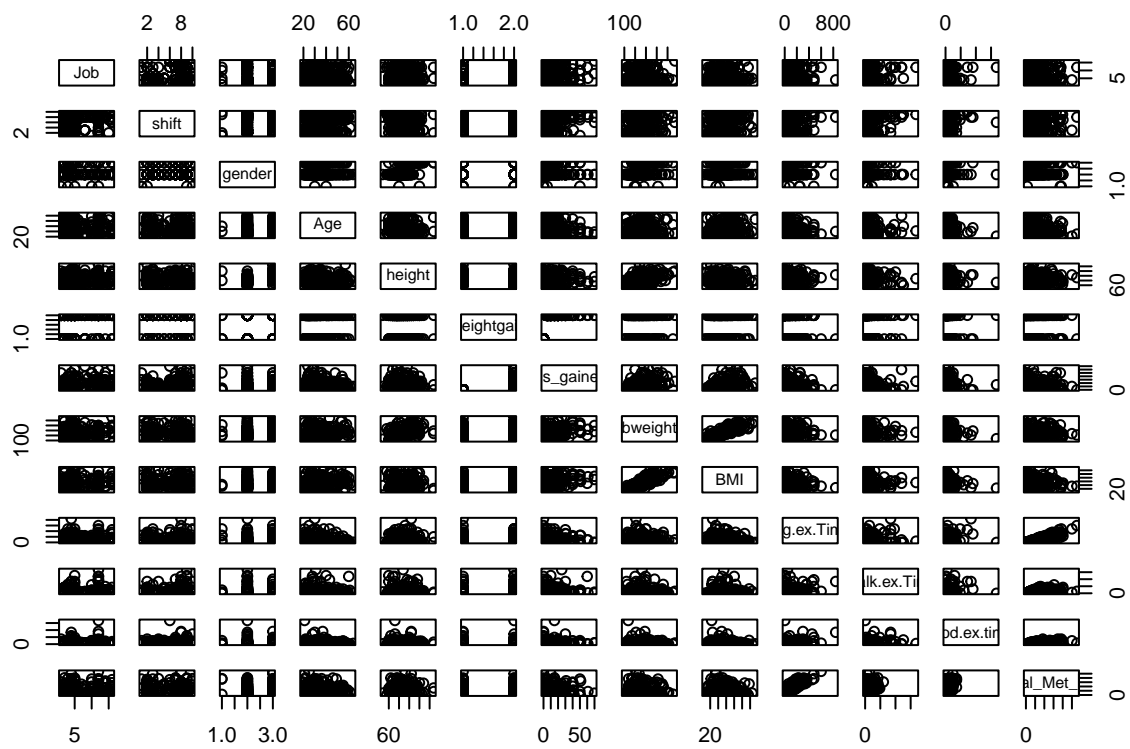
```
## Warning: NAs introduced by coercion
```

```r
Data$Total_Met_Min <- as.numeric(Data$Total_Met_Min)
```

```
## Warning: NAs introduced by coercion
```

```r
for(i in 1:ncol(Data)){
  if(is.character(Data[,i])){
    Data[,i] <- as.factor(Data[,i])
  }
}
```

```r
plot(Data)
```

Summary Statistics

Variable	Count (%)	n Missing	Mean (S.D.)
lbs. Gained	342	0	11.37 (12.99)
Gender		5	
male	98 (29.08)		
female	239 (70.92)		
Shift	338	4	
7am	28 (8.28)		
8am	112 (33.14)		
9am	55 (16.27)		
10am	49 (14.5)		
11am	42 (12.43)		
12pm	14 (4.14)		
1pm	8 (2.37)		
2pm	15 (4.44)		
other	15 (4.44)		
Job	320	22	
611	34 (10.62)		
AOC	26 (8.13)		
Collections	68 (21.25)		
COOS	67 (20.94)		
Employee Accounts	4 (1.25)		
Executive Relations	3 (0.94)		
FRC	14 (4.37)		
Internal	1 (0.31)		
OCA	10 (3.12)		
Operations	6 (1.87)		
Refunds	3 (0.94)		
Resource Mgt.	9 (2.81)		
Response	2 (0.63)		
Tech Support	12 (3.75)		
other	61 (19.06)		
Age	314	28	33.75 (9.95)
Height (in.)	322	20	66.67 (4.07)
b Weight	264	78	177.75 (43.94)
BMI	249	93	27.87 (6.1)
Vigorous Excercise Time	342	0	77.76 (115.11)
Moderate Excercise Time	341	1	74.99 (142)
Walk Excercise Time	342	0	124.83 (213.37)
Total Metabolic Minutes	247	95	1124.33 (1100.02)