Experimento_Tamy.R

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```
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# Experimento Tamy
Internet <- read.csv("Internet.csv", header = T)
Internet$tiempo <- as.factor(Internet$tiempo)
boxplot(Internet$velocidad ~ Internet$tiempo)
```

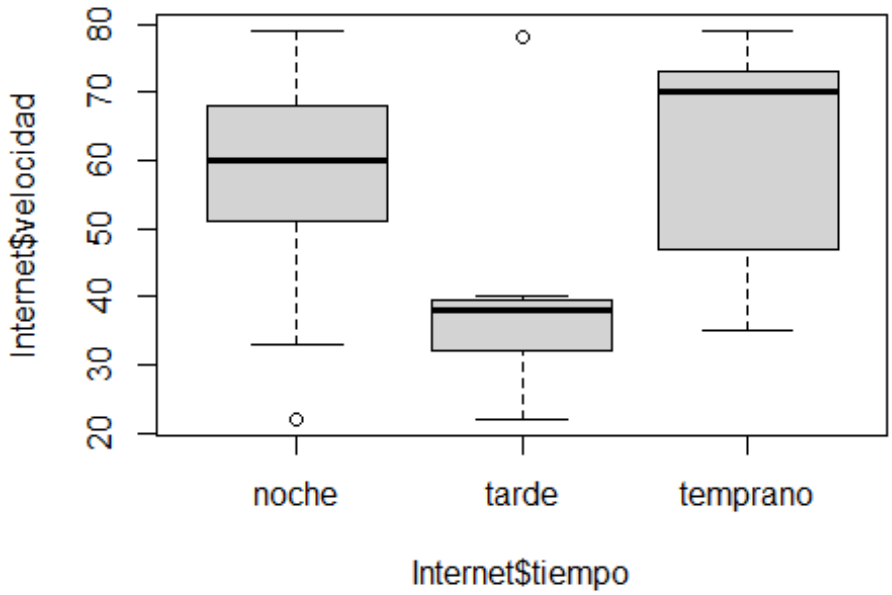


```
tapply(Internet$velocidad, Internet$tiempo, mean)

##    noche    tarde temprano
## 56.22222 39.87500 59.55556

tapply(Internet$velocidad, Internet$tiempo, var)

##    noche    tarde temprano
## 349.4444 276.9821 337.2778

shapiro.test(Internet$velocidad)
```

```
##
##  Shapiro-Wilk normality test
##
## data:  Internet$velocidad
## W = 0.91257, p-value = 0.03021
```

```
bartlett.test(Internet$velocidad ~ Internet$tiempo)
```

```
##
##  Bartlett test of homogeneity of variances
##
## data:  Internet$velocidad by Internet$tiempo
## Bartlett's K-squared = 0.10548, df = 2, p-value = 0.9486
```

```
Internet$Vel.sqrt <-sqrt (Internet$velocidad)
shapiro.test(Internet$Vel.sqrt)
```

```
##
##  Shapiro-Wilk normality test
##
## data:  Internet$Vel.sqrt
## W = 0.91982, p-value = 0.04453
```

```
int.aov <- aov (Internet$Vel.sqrt ~ Internet$tiempo)
summary (int.aov)
```

```
##                 Df Sum Sq Mean Sq F value Pr(>F)
## Internet$tiempo  2   9.53   4.765   2.932 0.0734 .
## Residuals       23  37.37   1.625
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```