Análisis Diabetes

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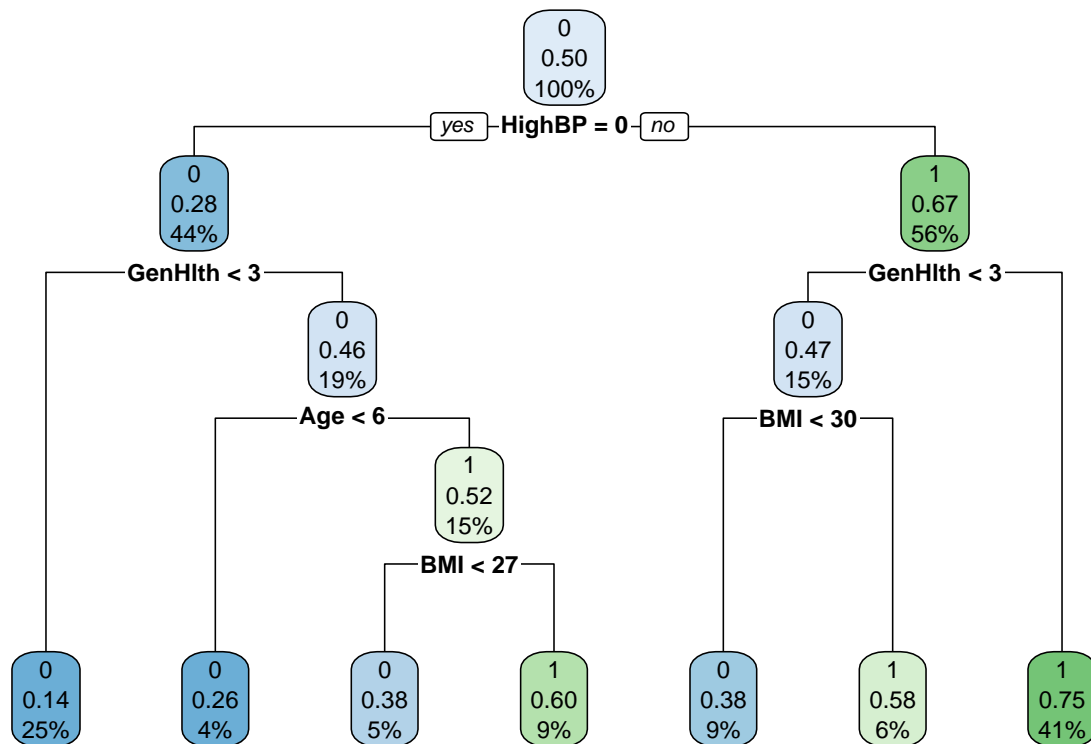
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R Markdown

```
data2 <- read.csv("data2.csv")
set.seed(123)
sample_data = sample.split(data2, SplitRatio = 0.7)
train_data <- subset(data2, sample_data == TRUE)
test_data <- subset(data2, sample_data == FALSE)

fit <- rpart(Diabetes_binary ~. , data=train_data, method = 'class')

rpart.plot(fit)
```

```
predict_unseen <-predict(fit, test_data, type = 'class')

table_mat <- table(test_data$Diabetes_binary, predict_unseen)
table_mat
```

```
##    predict_unseen
##        0    1
##   0 7304 3942
##   1 2324 8923
```

```
accuracy_Test <- sum(diag(table_mat)) / sum(table_mat)
accuracy_Test
```

```
## [1] 0.7214244
```