Tarea 8 (Imaginaria)

library(palmerpenguins)  
df <- penguins

1. Relación entre el tamaño del pico y el peso.

mod1 <- lm(df$bill\_length\_mm ~ df$body\_mass\_g)  
summary(mod1)

Call:  
lm(formula = df$bill\_length\_mm ~ df$body\_mass\_g)  
  
Residuals:  
 Min 1Q Median 3Q Max   
-10.1251 -3.0434 -0.8089 2.0711 16.1109   
  
Coefficients:  
 Estimate Std. Error t value Pr(>|t|)   
(Intercept) 2.690e+01 1.269e+00 21.19 <2e-16 \*\*\*  
df$body\_mass\_g 4.051e-03 2.967e-04 13.65 <2e-16 \*\*\*  
---  
Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
  
Residual standard error: 4.394 on 340 degrees of freedom  
 (2 observations deleted due to missingness)  
Multiple R-squared: 0.3542, Adjusted R-squared: 0.3523   
F-statistic: 186.4 on 1 and 340 DF, p-value: < 2.2e-16

plot(mod1)







