The functional form of the optimal predictive model

Question 3

p̂i = 1/1+e-t̂i

ŷ = {10 p̂I ≥ 0.5, p̂I < 0.5

t̂i = -9.4 + 0.126(Pregnancies) + 0.04(Glucose) + 0.072(BMI) + 1.002(DBF)