#a

# b0 = -2.07

# b1 = .1359

b.

the deposit variable seems be significant at the alpha level .05

c.

98.90 , R^2

d.

A close up of a map

Description automatically generated

e.

e^b1 = 1.14 for each dollar of deposit the redeem odds increase by about 14 percent

f.

49 percent

g.

(1.13, 1.56) (1.13, 1.54)

2.

a.

b0 = -4.7

b1 = .06773

b2 = .5986

E(y) = e^(.598\*Age + .0677\*Income - 4.739) / 1 + e^(.598^Age + .0677^Income - 4.739)

b.

Age is not, income is at a p value of .004

c.

e^b1 = 1.07 each additional dollar of income results in a .07(1000) dollar increase in deposit.

e^b2 = 1.8 each additional year in age results in .819(1000) dollar increase in deposit.

d.

e^b1 = 1.07

e^b2 = 1.819

~ .92 probability

e.

income = (1.01, 1.13)

age = (.847, 3.9)