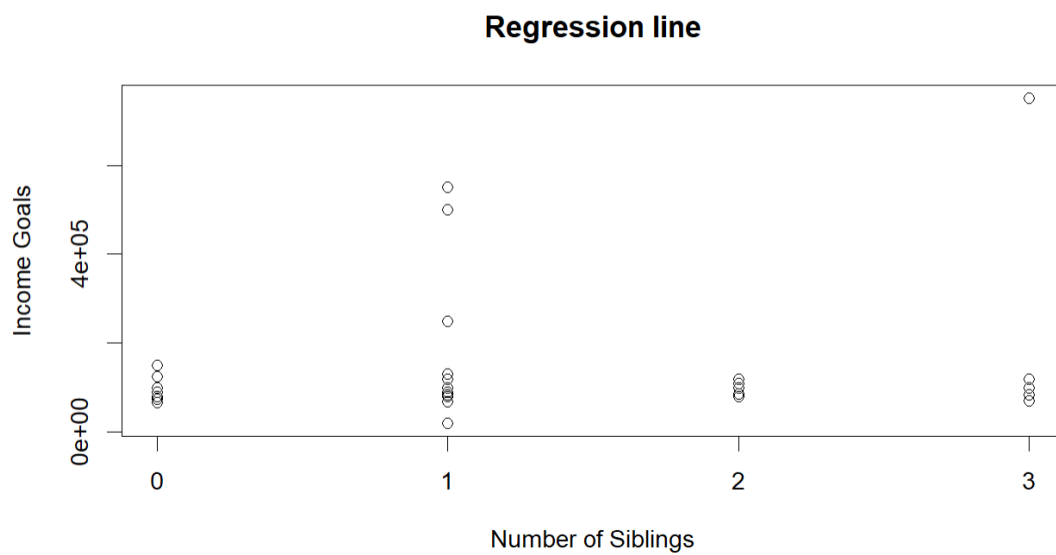


Math Lab Challenge 10

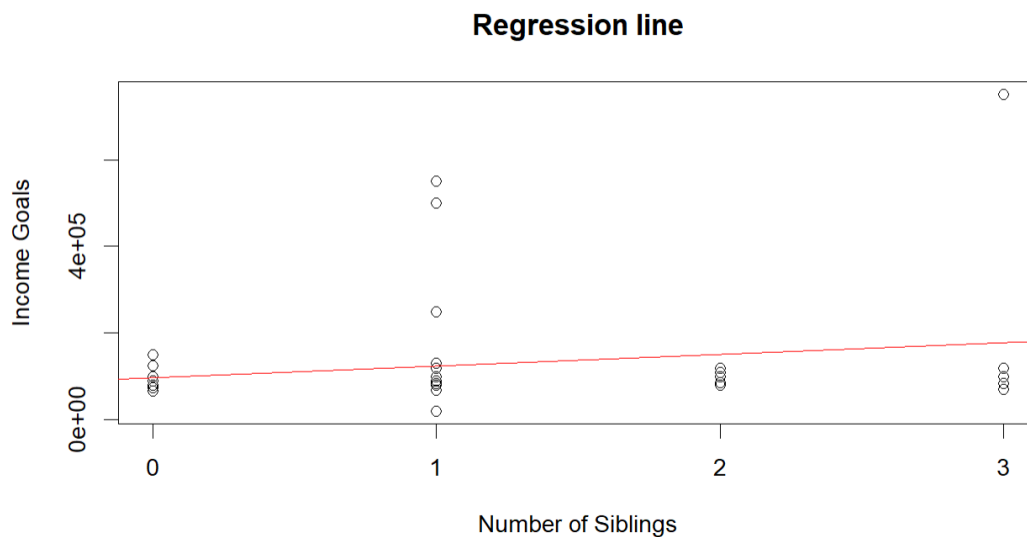
Part 1:

a.



b. $r = 0.1934761$
 $p\text{-value} = 0.1782$

c.



d. $\hat{y} = 97902 + 4 * (2); \hat{y} = 205219.2$

Part 2:

a.



b. $\rho = 0.5028585$

c.

