2. Write out the regression equation for predicted Y values using the betas. Leave Y, X and Epsilon as symbols, and insert your estimated beta values:

𝑌̂ =𝛽0^+𝛽1^∗𝑋1+𝛽2^∗𝑋2+𝜀

Sol:

𝛽0= -2.2630379

𝛽1= 1.54972927

𝛽2= -0.2385295

𝑌̂ =𝛽0^+𝛽1^∗𝑋1+𝛽2^∗𝑋2+𝜀

I am substituting the Beta values in the equation.

**Y^=-2.2630379 + 1.54972927 \* X1 + -0.2385295** ∗ 𝑋**2 +** 𝜀