

3.2.5) The equation,  $y(x)$ , modeling the fitted model is:

$$y(x) = x*5109.57820956 + x*-201.40017969 + x*-208.10630317 + x*-1334.00058151 + \\ x*222.31650455 + x*-68.47863175 + x*501.7645397 + x* 74.36879296 + x* -458.65185059 .$$

3.2.6) The predicted price of the diamond would be \$7412.76.