Linear Regression

**Multiple Linear Regression**

Y = 170.857 + 2.793x1 – 1.195x2 + 200.288x3

Table

Description automatically generated

**Quadratic Regression**

Y = -273.083 + 12.885x – 0.0418x2

Text

Description automatically generatedChart, scatter chart

Description automatically generated

**Cubic Regression**

Y = -471.628 + 19.318x – 0.107x2 + 0.000205x3

Text

Description automatically generatedChart, scatter chart

Description automatically generated

**Inverse Regression**

Y = 955.336 – 36350.8(1/x)

Text

Description automatically generatedChart, scatter chart

Description automatically generated

**Linear-Log Regression**

Log(y) = 5.32 + 0.00988x

Text, letter

Description automatically generatedChart, scatter chart

Description automatically generated

**Interaction Model**

Table

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