

Math Scores and Drug Concentrations (Regression Equation with Coefficients)

Dataset

	V1	V2
1	1.17	78.93
2	2.97	58.20
3	3.26	67.47
4	4.69	37.47
5	5.83	45.65
6	6.00	32.92
7	6.41	29.97

Regression Equation with Coefficients

Coefficients:
(Intercept) V1
89.124 -9.009

Summary

Residuals:

1	2	3	4	5	6	7
0.3472	-4.1658	7.7170	-9.3995	9.0513	-2.1471	-1.4032

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	89.124	7.048	12.646	5.49e-05 ***
V1	-9.009	1.503	-5.994	0.00185 **

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 7.126 on 5 degrees of freedom
Multiple R-squared: 0.8778, Adjusted R-squared: 0.8534
F-statistic: 35.93 on 1 and 5 DF, p-value: 0.001854