

Response Y**Summary of Fit**

RSquare	0.863464
RSquare Adj	0.840708
Root Mean Square Error	3.827766
Mean of Response	103.8667
Observations (or Sum Wgts)	15

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	2	1111.9119	555.956	37.9446
Error	12	175.8215	14.652	Prob > F
C. Total	14	1287.7333		<.0001

Lack Of Fit

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	8	154.15480	19.2694	3.5574
Pure Error	4	21.66667	5.4167	Prob > F
Total Error	12	175.82147		0.1178
				Max RSq
				0.9832

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	117.02599	8.697772	13.45	<.0001
X1	-5.318644	0.88211	-6.03	<.0001
X2	0.1118644	0.416935	0.27	0.7930

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
X1	1	1	532.65655	36.3544	<.0001
X2	1	1	1.05472	0.0720	0.7930

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Rows	X1	X2	Y
1	1	25	110
2	1	24	115
3	1	22	120
4	1	24	118
5	2	20	110
6	2	20	108
7	2	20	105
8	3	24	104
9	3	25	98
10	4	30	99
11	4	24	98
12	5	29	100
13	5	30	90
14	5	30	93
15	6	28	90

Multivariate**Correlations**

	X1	X2	Y
X1	1.0000	0.7427	-0.9288
X2	0.7427	1.0000	-0.6707
Y	-0.9288	-0.6707	1.0000

Scatterplot Matrix